ABOUT DCL CORPORATION

As a leader in color pigments and dispersions for the coatings, plastics and ink industries worldwide, DCL Corporation is passionate about color. Thanks to the unparalleled heritage, customer service, and dedication of our legacy companies (Dominion Colour Corporation and LANSCO Colors), DCL invites the world to “See the Difference We Make.”

Headquartered in Toronto, Canada, DCL Corporation operates five manufacturing facilities in Canada, the United Kingdom, and The Netherlands and multiple dedicated R&D centers around the globe. That means DCL Corporation is large enough to compete on a global stage by servicing multi-national customers while still being responsive to the needs of our small and medium-sized customers all over the world. We consistently go above and beyond to ensure each and every customer gets the pigment that matches their requirements.

At DCL, we’re more than just color. We’re committed to environmental, health and safety excellence for both our internal and external stakeholders. This stems from our focus on 100% customer satisfaction, innovation, and long-term sustainability. It’s what we like to call “the DCL difference.” We encourage you to see it for yourself.
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### Yellow

**2201 Hansa Yellow, PY.1**
25 kg bag
A medium shade, semi-transparent yellow with good full shade weatherfastness. Recommended for water-based inks and coatings.

**DCC-1104 Hansa Yellow, PY.1**
20 kg bag
Green shade semi-opaque yellow used primarily for architectural coatings applications.

**2203 Hansa Yellow, PY.3**
25 kg bag
10G type. Low-cost, green shade yellow. Recommended for coatings and some aqueous inks.

**DCC-1105 Hansa Yellow, PY.3**
10 kg bag
Green shade semi-opaque yellow used primarily for architectural coatings applications.

**2312 Diarylide Yellow, PY.12**
25 lb bag
Excellent value opaque AAA yellow. Recommended for inks and coatings.

**2413 Diarylide Yellow, PY.13**
25 kg bag
Stronger and slightly more lightfast than Yellow 12. Recommended for water-based inks and selected interior coatings.

**DCC-1232 Diarylide Yellow, PY.13**
20 kg bag
1232 is a mid-shade yellow shade pigment for use in all types of ink applications.

**DCC-YELLOW XR Diarylide Yellow, PY.13**
20 kg bag
Opaque pigment with excellent rheology for use in aqueous inks and offset inks (both conventional and UV).

**PY-126 Diarylide Yellow, PY.13**
20 kg bag
Slightly redder than 2413. Recommended primarily for UV inks.

**1214 Diarylide Yellow, PY.14**
20 kg bag
Greener, more transparent resinated Yellow 14. Recommended primarily for solvent inks.

**2114 Diarylide Yellow, PY.14**
20 kg bag
Semi-opaque AAOT Yellow. Recommended for water flexo inks, PVC, and interior coatings.

**DCC-1202 Diarylide Yellow, PY.14**
10 kg bag
Green shade semi-opaque yellow pigment used primarily in ink applications with minimal usage in industrial coatings, powder coatings, and plastics.

**PY-123LCT Diarylide Yellow, PY.14**
20 kg bag
Slightly greener and stronger than 2114. Excellent gloss characteristics. Recommended for water-based and UV ink applications.

**2217 Diarylide Yellow, PY.17**
20 kg bag
Excellent value, clean, strong, green shade yellow. Recommended for water-based inks, coatings, and plastics applications.

**DCC-1260S Diarylide Yellow, PY.17**
310 lb tote
Green shade diarylide yellow pigment that is highly transparent with good lightfastness in masstone, and is recommended for nitrocellulose, polyamide and polyurethane solvent-based inks. Limited use in water-based and offset paste inks.

**DCC-1363 Monoazo Yellow, PY.61**
10 kg bag
Lemon shade yellow pigment for use in various plastics applications where very good weatherfastness and heat stability are required. It can be used as a heavy metal free alternate to Lemon Chrome Yellows.

**2162 Azo Yellow, PY.62**
25 kg bag
Heat stable, red shade. Alternative to Diarylide Yellows. Recommended for plastics.

**DCC-1364 Azo Yellow, PY.62**
10 kg bag
Medium to red shade yellow pigment for use in various plastics applications where very good dispersion and heat stability are required. It can be used as a heavy metal free alternate to Medium Chrome Yellows.

**DCC-1364P Azo Yellow, PY.62**
10 kg bag
Mid-shade yellow pigment for use in various plastics applications where very good dispersion is required. It can be used as a heavy metal free alternative to Medium Chrome Yellow.
<table>
<thead>
<tr>
<th>Pigment Name</th>
<th>Weight</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCC-1462F Azo Yellow, PY.62</td>
<td>10 kg</td>
<td>Only PY.62 that is FDA compliant worldwide. It is a mid-shade yellow pigment for use in food packaging materials (FCN No. 607) where it can be used as a more economical alternative to PY.180 at levels not exceeding 0.5% by weight under Conditions of Use A through H.</td>
</tr>
<tr>
<td>2665 Hansa Yellow, PY.65</td>
<td>20 kg</td>
<td>Recommended for water, solvent-based, and industrial coatings applications.</td>
</tr>
<tr>
<td>DCC-1117 Monoazo Yellow, PY.65</td>
<td>10 kg</td>
<td>Red shade yellow pigment with high opacity. Recommended for architectural coatings and road markings.</td>
</tr>
<tr>
<td>0013-473 Hansa Yellow, PY.73</td>
<td>25 kg</td>
<td>Green shade yellow offering good strength, lightfastness and glycol stability. Recommended for coatings applications.</td>
</tr>
<tr>
<td>DCC-1120 Azo Yellow, PY.74</td>
<td>10 kg</td>
<td>Green shade semi-opaque hansa yellow pigment with excellent chemical resistance. It is recommended for use in architectural and industrial coatings and solvent-based ink applications.</td>
</tr>
<tr>
<td>2283 Opaque Yellow, PY.83</td>
<td>25 kg</td>
<td>HR-70 type. Opaque, red shade yellow with good lightfastness. Recommended for ink jet, UV inks, and industrial coatings applications.</td>
</tr>
<tr>
<td>DCC-1112 Monoazo Yellow, PY.75</td>
<td>10 kg</td>
<td>Red shade yellow primarily used in architectural paint applications.</td>
</tr>
<tr>
<td>2583 Diarylide Yellow, PY.83</td>
<td>25 kg</td>
<td>Strong, red shade, general purpose yellow 83. Recommended for all applications.</td>
</tr>
<tr>
<td>2783P Diarylide Yellow, PY.83</td>
<td>20 kg</td>
<td>Strong, bright red shade diarylide yellow with good lightfastness and bleed properties. Recommended for various plastics applications including PVC, LDPE, PUR, and Polystyrene.</td>
</tr>
<tr>
<td>DCC-1242 Diarylide Yellow, PY.83</td>
<td>10 kg</td>
<td>Versatile semi-opaque red shade yellow pigment that can be used in various coatings, inks and plastic applications.</td>
</tr>
</tbody>
</table>
## Organic Pigments

### Yellow (continued)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Physical Attributes</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCC-1243 Diarylide Yellow, PY.83</td>
<td>Red shade yellow diarylide pigment for use in ink applications. It is primarily used in nitrocellulose, polyamide and polyurethane solvent-based inks where high gloss, high transparency, very good lightfastness and good rheology are required.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>DCC-1245 Diarylide Yellow, PY.83</td>
<td>Primarily used for road marking applications. It is a semi-opaque red shade yellow pigment used in coatings, inks and plastics.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>2093 Disazo Yellow, PY.93</td>
<td>Transparent green shade yellow pigment of exceptional color strength, purity, and dispersibility. Recommended for water-based inks and polyolefins, particularly where excellent lightfastness is required.</td>
<td>10 kg bag</td>
<td></td>
</tr>
<tr>
<td>2095 Disazo Yellow, PY.95</td>
<td>Mid shade yellow with outstanding strength. Recommended for toys and food packaging, plastics and select coatings and inks applications. FDA approved.</td>
<td>10 kg bag</td>
<td></td>
</tr>
<tr>
<td>2197 Azo Yellow, PY.97</td>
<td>FGL type. Lightfast, green shade yellow. Recommended for coatings and inks.</td>
<td>25 kg bag</td>
<td></td>
</tr>
<tr>
<td>DCC-Yellow GPC Monoazo Yellow, PY.97</td>
<td>Bright green shade yellow pigment used in architectural water-based and general industrial paints. Yellow GPC is the highest solvent resistance Hansa Yellow.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>2110 Isoindolinone Yellow, PY.110</td>
<td>Transparent, red shade yellow isoindolinone pigment with excellent lightfastness and heat stability. Recommended for use in plastics, automotive finishes, general industrials, baking enamels and solvent-based printing inks. FDA approved.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>2111 Isoindolinone Yellow, PY.110</td>
<td>3RLTN type. Semi-opaque, red shade yellow isoindolinone pigment with excellent properties. Recommended for coatings, plastics and solvent printing inks. FDA approved.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>2338 Quinophthalone Yellow, PY.138</td>
<td>K0961 type. Green shade yellow with very good heat stability, light and weatherfastness. Recommended primarily for plastics applications. FDA approved.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>2538 Quinophthalone Yellow, PY.138</td>
<td>L0962 type. Opaque, green shade yellow with excellent light and weatherfastness. Greener than 2338. Recommended for coatings and inks applications. FDA approved.</td>
<td>20 kg bag</td>
<td></td>
</tr>
<tr>
<td>1139 Isoindoline Yellow, PY.139</td>
<td>Greener shade PY 139. Recommended for plastics, ink jet and UV inks.</td>
<td>10 kg bag</td>
<td></td>
</tr>
<tr>
<td>2039 Isoindoline Yellow, PY.139</td>
<td>K1841 Type. Greener shade PY 139. Recommended primarily for plastics applications.</td>
<td>10 kg bag</td>
<td></td>
</tr>
<tr>
<td>2139 Isoindoline Yellow, PY.139</td>
<td>M2R-70 type. Opaque, red shade PY 139. Recommended for ink jet and UV inks and coatings applications.</td>
<td>10 kg bag</td>
<td></td>
</tr>
<tr>
<td>2150 Azo Yellow, PY.150</td>
<td>Transparent medium shade yellow with excellent lightfastness, heat stability and dispersibility especially when incorporated into Nylon fiber applications. Recommended primarily for plastics applications.</td>
<td>10 kg bag</td>
<td></td>
</tr>
<tr>
<td>DCC-7151 Benzimidazolone Yellow, PY.151</td>
<td>H4G type. High-performance green shade yellow pigment for use in high-end coatings applications where very good weatherfastness and heat stability are required. It can be used as a higher performance alternative to Hansa and Diarylide pigments.</td>
<td>20 kg bag</td>
<td></td>
</tr>
</tbody>
</table>
DCC-7251 Benzimidazolone Yellow, PY.151 20 kg bag
High-performance green shade yellow pigment for use in high-end coating applications where very good weatherfastness and heat stability are required. It has superior gloss retention, tinctorial strength and outdoor durability compared to 7151.

DCC-7351 Benzimidazolone Yellow, PY.151 20 kg bag
High-performance green shade yellow pigment for use in high-end coatings applications where very good colorfastness, weatherfastness and the highest requirements for gloss retention are required.

DCC-7751 Benzimidazolone Yellow, PY.151 20 kg bag
High-performance green shade yellow pigment for use in high-end coating applications. It can be used in all coatings but is recommended for the highest end coatings applications where very good weatherfastness and opacity is required.

S-152 Diarylide Yellow, PY.152 10 kg bag
Red shade yellow recommended for industrial coatings.

DCC-7154 Benzimidazolone Yellow, PY.154 20 kg bag
H3G type. High-performance green shade yellow pigment for use in high-end coatings applications where excellent resistance to heat, chemicals and weatherfastness are required.

DCC-7754 Benzimidazolone Yellow, PY.154 20 kg bag
High-performance green shade yellow pigment that is slightly greener than 7154 for use in high-end coatings applications where excellent resistance to heat, chemicals and weatherfastness are required.

DCC-7155 Disazo Yellow, PY.155 10 kg bag
Green shade yellow pigment for use in high-end plastics applications typically fibers and injection molding. It is a non-DCB replacement for diarylide yellows, stronger alternative to metal azos and a chrome yellow alternative.

2355 Opaque Yellow, PY.155 25 kg bag
Opaque, strong, green shade yellow pigment with good rheology and lightfastness properties. Recommended for higher quality industrial coatings and various printing inks.

2168-CA Azo Yellow, PY.168 25 kg bag
Heat stable green shade yellow. Alternative to diarylide yellows. Recommended for plastics.

DCC-1368 Azo Yellow, PY.168 10 kg bag
K1070 type. Clean green shade yellow pigment for use in various plastics applications where good weatherfastness and heat stability are required. It can be used as a heavy metal free alternate to Lemon Chrome Yellows.

DCC-1368P Azo Yellow, PY.168 10 kg bag
Green shade yellow pigment for use in various plastics applications where very good dispersion is required. It has higher tinting strength than DCC-1368 and can be used as a heavy metal free alternative to Lemon Chrome Yellow.

2275 Benzimidazolone Yellow, PY.175 20 kg bag
2275 is a green shade yellow with excellent bleed resistance, lightfastness and weathering properties. It is primarily recommended for water-based and solvent-based coatings and ink applications.

2180 Benzimidazolone Yellow, PY.180 25 kg bag
Non-warping green shade yellow with excellent heat stability. 2180 is the most chromatic and intense PY.180 in our range. Recommended for ink jet, UV inks, and plastics applications. FDA approved.

2280 Benzimidazolone Yellow, PY.180 25 kg bag
Non-warping green shade yellow with excellent heat stability. Recommended primarily for plastics applications. More opaque than our 2180. FDA approved.
Yellow (continued)

DCC-7180 Benzimidazolone Yellow, PY.180 10 kg bag
HG type. High-performance green shade yellow pigment used in high-end plastic applications where very good dispersion and heat stability is required. 7180 is the reddest shade PY.180 in our range. FDA approved.

DCC-7380 Benzimidazolone Yellow, PY.180 10 kg bag
DCC-7380 is a high-performance green shade yellow pigment that is cleaner in shade than 7180 & tinting strength used in high-quality plastic applications where very good dispersion and high heat stability are required. 7380 is less intense and chromatic in shade than both 2180 and 2280. FDA approved.

2181 Benzimidazolone Yellow, PY.181 10 kg bag
Red shade, non-warping with excellent heat stability. Recommended for industrial coatings, inks, and plastics applications. FDA approved.

2183-A Azo Yellow, PY.183 10 kg bag
K2270 type. Non-warping red shade yellow with excellent heat stability. Recommended for plastics and powder coatings applications. FDA approved.

DCC-7183 Azo Yellow, PY.183 10 kg bag
Non-warping red shade yellow pigment suitable for plastics applications where good heat stability and weatherfastness are required. 7183 has higher color strength than 2183-A. FDA approved.

DCC-7183XS Azo Yellow, PY.183 10 kg bag
Non-warping red shade yellow pigment with a significant strength advantage over 7183 that is approved for use in food packaging materials. It is also suitable for plastics applications where good heat stability and weatherfastness are required. FDA approved.

DCC-7191 Azo Yellow, PY.191 10 kg bag
Non-warping, high-performance red shade yellow pigment that is greener and stronger than 2191 & 7391. Used in various plastic applications where excellent heat stability and resistance properties are required. FDA approved.

DCC-7391 Azo Yellow, PY.191 10 kg bag
HGR type. Non-warping, high-performance red shade yellow pigment used in many types of plastic applications where excellent heat stability and resistance properties are required. 7391 is the reddest shade PY.191 in our range. FDA approved.

DCC-7194 Benzimidazolone Yellow, PY.194 10 kg bag
F2G type. High-performance green shade yellow pigment for use in architectural, general industrial, powder coatings, low temperature plastics, solvent-based, water-based and UV ink applications.

Orange

Orange}

06-905 DNA Orange, PO.5 20 kg bag
Good lightfastness in deep shades. Recommended for coatings, water flexo inks, UV and water-based inks.

2113 Pyrazolone Orange, PO.13 25 kg bag
Excellent value, clean bright orange. Recommended for UV and water-based inks, coatings, and plastics.

DCC-Orange GX Pyrazolone Orange, PO.13 10 kg bag
Red shade orange pigment commonly used in offset and aqueous inks.

1116 Dianisidine Orange, PO.16 20 kg bag
Bright, clean semi-opaque orange. Recommended for solvent printing ink applications.

2316 Dianisidine Orange, PO.16 20 kg bag
Bright, clean orange. Recommended for solvent-base, UV and water-based inks, coatings, and rubber. Yellower than 1116.
DCC-1816 Dianisidine Orange, PO.16 20 kg bag
Blue shade pigment for use in plastics applications where good heat stability and tinctorial strength are required. It can also be used as a lead-free alternative to molybdate orange.

DCC-1817 Dianisidine Orange, PO.16 500 lb. tote
Blue shade orange pigment used in various ink systems, primarily liquid inks.

1334 Opaque Orange, PO.34 15 kg bag
RL-70 type. Opaque, improved viscosity Orange 34. Recommended for industrial coatings and UV ink applications.

1634 Pyrazolone Orange, PO.34 25 kg bag
Excellent value semi-transparent orange. Recommended for solvent-based and water-based inks, coatings, and plastics.

DCC-1834 Pyrazolone Orange, PO.34 20 kg bag
Blue shade diarylide orange pigment for use in ink applications. It is designed for use in nitrocellulose, polyamide and polyurethane solvent-based inks where high transparency and gloss are required. It also offers low rheology, high tinctorial strength, good lightfastness and good resistance to organic solvents.

DCC-Orange Y2G Pyrazolone Orange, PO.34 10 kg bag
Excellent all-round properties used mainly in offset, aqueous and UV inks, and aqueous architectural coatings. It can also be used in certain polyolefin-based plastic applications.

DCC-7036 Benzimidazolone Orange, PO.36 20 kg bag
High-performance clean yellow shade orange pigment for use in high-end plastics. It can be used in all plastics but is recommended in applications where excellent heat stability and tinctorial strength are required. 7036 is also recommended for use in packaging inks. FDA approved.

DCC-7064 Benzimidazolone Orange, PO.64 20 kg bag
High-performance clean yellow shade orange pigment that is redder in shade compared to 7064 and is used in many types of plastic applications where excellent heat stability and resistance properties are required. FDA approved.

DCC-7065 Benzimidazolone Orange, PO.64 20 kg bag
High-performance yellow shade orange pigment that is redder in shade compared to 7064 and is used in many types of plastic applications where excellent heat stability and resistance properties are required. 7065 is also recommended for use in packaging inks. FDA approved.

DCC-7067 Opaque Orange, PO.67 10 kg bag
This is a bright yellow shade orange pigment for use in baking finishes and water-based paint applications where opacity is required. It is a good alternative to lead free formulations.

1667 Opaque Orange, PO.67 10 kg bag
Opaque, highly brilliant orange. Recommended for powder coatings, water-based coatings, and baking finishes.

1073-A DPP Orange, PO.73 10 kg bag
Opaque medium shade with very good light and chemical resistance. Recommended for plastics, inks, and coatings applications.
<table>
<thead>
<tr>
<th>Red</th>
<th>2023 CARMINE B Napthol Red, PR.5</th>
<th>20 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow shade red naphthol used as a barium-free alternative to Red Lake C in packaging inks.</td>
<td>Yellow shade red used primarily in offset and water-base inks.</td>
<td>25 kg bag</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-184 Toluidine Red, PR.3</th>
<th>25 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow shade toluidine red. Recommended for water-based inks and coatings applications.</td>
<td>RNC Type. Yellowest shade toluidine red. Recommended for water-based inks and coatings applications.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-185 Toluidine Red, PR.3</th>
<th>25 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow shade toluidine red. Recommended for water-based inks and coatings applications.</td>
<td>Stir-in grade, same shade properties as 2220. Recommended for solvent-based architectural &amp; industrial coatings applications.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-2222 Toluidine Red, PR.3</th>
<th>10 kg bag</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>2023-2254 Toluidine Red, PR.3</th>
<th>10 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bright blue shade toluidine pigment. Recommended for solvent-based architectural &amp; industrial coatings applications.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-1338 Pyrazolone Red, PR.38</th>
<th>10 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very strong, yellow shade red with good lightfastness. Recommended for water-based inks and rubber.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-2782 Metal Azo Red, PR.48:1</th>
<th>20 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow shade barium 2B red pigment with excellent heat resistance in polyolefin-based plastics applications.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-221 2B Red, PR.48:1</th>
<th>20 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>More opaque, yellower and stronger than DCC-2782. Recommended for water-based, solvent-based and UV inks.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2023-2783 Metal Azo Red, PR.48:1</th>
<th>20 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow shade monoaizo pigment for use in ink applications. It is primarily used in nitrocellulose, polyamide and polyurethane solvent-based inks where very good gloss, transparency, and rheology are required.</td>
<td></td>
</tr>
<tr>
<td>Pigment Code</td>
<td>Bag Size</td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>1282 2B Red, PR.48:2</td>
<td>25 kg</td>
</tr>
<tr>
<td>DCC-2747S Metal Azo Red, PR.48:2</td>
<td>20 kg</td>
</tr>
<tr>
<td>DCC-2748 Monoazo Metal Lake, PR.48:2</td>
<td>10 kg</td>
</tr>
<tr>
<td>PR-251 2B Red, PR.48:3</td>
<td>318 kg tote</td>
</tr>
<tr>
<td>DCC-2792 Metal Azo Red, PR.48:4</td>
<td>20 kg</td>
</tr>
<tr>
<td>PR-258 Barium Lithol Red, PR.49:1</td>
<td>50 lb</td>
</tr>
<tr>
<td>1692 Calcium Lithol Red, PR.49:2</td>
<td>25 kg</td>
</tr>
<tr>
<td>1522 Bon Maroon, PR.52:2</td>
<td>10 kg</td>
</tr>
<tr>
<td>DCC-6005 Bon Maroon, PR.52:2</td>
<td>20 kg</td>
</tr>
<tr>
<td>1353 Red Lake C, PR.53:1</td>
<td>25 kg</td>
</tr>
<tr>
<td>PR-215 Red Lake C, PR.53:1</td>
<td>20 kg</td>
</tr>
<tr>
<td>PR-256 Red Lake C, PR.53:1</td>
<td>20 kg</td>
</tr>
<tr>
<td>1557 Lithol Rubine, PR.57:1</td>
<td>25 kg</td>
</tr>
<tr>
<td>DCC-2733 Lithol Rubine, PR.57:1</td>
<td>10 kg</td>
</tr>
<tr>
<td>PR-205 Lithol Rubine, PR.57:1</td>
<td>25 lb</td>
</tr>
<tr>
<td>PR-289 Lithol Rubine, PR.57:1 BS</td>
<td>50 lb</td>
</tr>
<tr>
<td>1060 Azo Red, PR.60:1</td>
<td>20 kg</td>
</tr>
<tr>
<td>DCC-Pink ALP Rhodamine Y, PR.81:5</td>
<td>20 kg</td>
</tr>
<tr>
<td>DCC-RA517 Rhodamine Y, PR.81:5</td>
<td>20 kg</td>
</tr>
</tbody>
</table>
Red (continued)

DCC-MADDER CLDX Alizarine Red, PR.83 20 kg bag
Bright blue shade red pigment used primarily for offset inks.

DCC-RE531 Red, PR.83 20 kg bag & 500 lb tote
Blue shade red pigment for use in general industrial applications.

1812 Napthol Red, PR.112 25 kg bag
Medium yellow shade. Recommended primarily for coatings and inks.

DCC-2912 Napthol Red, PR.112 20 kg bag
Brilliant medium red shade pigment for use in coatings applications. It is recommended in applications where heat stability, weatherfastness (in masstone), solvent and chemical resistance are required. It can replace Toluidine Red in more demanding applications.

DCC-7322 Quinacridone Magenta, PR 122 20 kg bag
High-performance organic quinacridone red pigment, yellower and more opaque than 1229. It has excellent fastness and durability properties for high-end coatings applications.

DCC-7422 Quinacridone Magenta, PR.122 20 kg bag
Highly chromatic, transparent, yellow-shade red pigment that is designed for use in automotive coatings especially with special effect metallic finishes.

1229 Quinacridone Magenta, PR.122 20 kg bag
Blue shade. Recommended for all applications.

1144 Disazo Red, PR.144 10 kg bag
Medium blue shade with excellent heat stability and lightfastness. Recommended primarily for plastics.

1146 Napthol Red, PR.146 25 kg bag
Bluer shade napthol. Recommended for coatings.

1149 Perylene Red, PR.149 20 kg box
Transparent, somewhat blue shade red with excellent durability. Low filter pressure values make this ideal for use in plastic fiber applications.

1166 Disazo Scarlet, PR.166 25 kg bag
Transparent yellow shade red with excellent heat stability and very good fastness properties. Recommended for all applications.

DCC-7168 Anthanthrone Red, PR.168 15 kg bag
High-performance bright yellow shade red pigment for use in high-end industrial coating applications, including automotive finishes where excellent weatherfastness and heat stability are required.

DCC-RA511 Rhodamine 6G, PR.169 20 kg bag
Clean blue shade red copper ferrocyanide basic dye pigment for use in ink applications. It is primarily used in water-based flexographic printing inks. It has good long-term viscosity stability.

1070 Napthol Red, PR.170 25 kg bag
F2RK type. Slightly yellower and cleaner than 1370 with a slight improvement in lightfastness. Recommended for higher quality industrial applications.

1370 Napthol Red, PR.170 25 kg bag
F3RK-70 type. Yellower, more opaque Red 170 type. Recommended for industrial coatings, inks, and plastics.

1970-A Napthol Red, PR.170 25 kg bag
F5RK-A type. Medium blue shade Red 170 type. Recommended for industrial coatings, inks, and plastics.
<table>
<thead>
<tr>
<th>Pigment Name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCC-2870 Napthol Red, PR.170</td>
<td>F5RK-A type.</td>
<td>Naphthol red pigment that exhibits good heat and chemical resistance. Mostly recommended for architectural and industrial coatings applications.</td>
</tr>
<tr>
<td>DCC-7170 Napthol Red, PR.170</td>
<td>F3RK-70 type.</td>
<td>Yellow shade red pigment for use in plastics applications where good heat stability and weatherfastness are required.</td>
</tr>
<tr>
<td>DCC-7470 Napthol Red, PR.170</td>
<td>High performance bright yellow shade red pigment for use in high-end coating applications. It is used where heat stability and good weatherfastness (full shade only) are required.</td>
<td></td>
</tr>
<tr>
<td>1176 Benzimidazolone Red, PR.176</td>
<td>20 kg bag</td>
<td>Transparent, bright blue shade red with good lightfastness. Recommended for high quality inks, plastics, and coatings.</td>
</tr>
<tr>
<td>1177 Anthraquinone Red, PR.177</td>
<td>20 kg bag</td>
<td>Blue shade red. Recommended for higher quality industrial coatings and plastics applications.</td>
</tr>
<tr>
<td>1179 Perylene Red, PR.179</td>
<td>25 kg bag</td>
<td>Semi-transparent maroon shade. Recommended for higher quality industrial coatings and plastics applications.</td>
</tr>
<tr>
<td>1184 Napthol Red, PR.184</td>
<td>10 kg bag</td>
<td>Blue shade red. Recommended for water-based ink and coating applications.</td>
</tr>
<tr>
<td>DCC-Carmine 6BL Napthol Red, PR.184</td>
<td>10 kg bag</td>
<td>Blue-shade Naphthol Red, which provides good gloss and transparency for solvent-based and offset inks.</td>
</tr>
<tr>
<td>2188 Napthol Red, PR.188</td>
<td>HF3S type.</td>
<td>Yellow shade red. Recommended primarily for trade sales and general industrial coatings applications.</td>
</tr>
<tr>
<td>1208 Benzimidazolone Red, PR.208</td>
<td>10 kg bag</td>
<td>Transparent, medium shade with very good overall properties. Recommended primarily for higher quality speciality inks.</td>
</tr>
<tr>
<td>1242 Disazo Scarlet, PR.242</td>
<td>10 kg bag</td>
<td>Yellow shade red pigment with excellent fastness properties. Recommended for plastics, inks, and coatings applications.</td>
</tr>
<tr>
<td>1254 DPP Red, PR.254</td>
<td>BO type.</td>
<td>Bright medium shade red. Recommended for high performance coatings. FDA approved.</td>
</tr>
<tr>
<td>DCC-7254 DPP Red, PR.254</td>
<td>30 kg bag</td>
<td>BO type. High performance mid shade red pigment for use in high-end coatings applications. It can be used in all coatings but is recommended for the highest end applications where excellent weatherability, heat stability, and solvent resistance are required. It is also used in high-end plastic applications. FDA approved.</td>
</tr>
<tr>
<td>1354 DPP Red, PR.254</td>
<td>10 kg bag</td>
<td>2030 type. Bright, medium shade red, stronger and yellower than 1254. Recommended primarily for plastics and powder coatings. FDA approved.</td>
</tr>
<tr>
<td>DCC-7354 DPP Red, PR.254</td>
<td>20 kg bag</td>
<td>2030 type. High-performance yellow shade red pigment for use in premium-quality plastics applications where excellent heat stability, weatherfastness and chemical resistance are required. It offers high saturation and very good opacity. It is also used in a variety of coatings applications.</td>
</tr>
<tr>
<td>1372 DPP Flame Red, PR.272</td>
<td>Low-warping bright medium shade red. Stronger and yellower than 1254. Recommended for plastics. FDA approved.</td>
<td></td>
</tr>
<tr>
<td>1372 DPP Flame Red, PR.272</td>
<td>25 kg bag</td>
<td>Opaque, bright yellow shade with excellent overall properties. Recommended for plastics and high quality industrial finishes.</td>
</tr>
</tbody>
</table>
Blue

5150 Phthalocyanine Blue, PB.15:0 25 kg bag
Red shade, crystallizing, with good heat stability and migration resistance. Redder than 5561. Recommended for water-based inks and plastics. FDA approved.

5561 Phthalocyanine Blue, PB.15:0 25 kg bag
Red shade, crystallizing, easy dispersing. Recommended for water-based ink and plastic applications. FDA approved.

5651 Phthalocyanine Blue, PB.15:1 20 kg bag
A4R Type. Red shade, slightly redder than 5051. Recommended for general industrial coatings, printing inks, and plastics.

5051 Phthalocyanine Blue, PB.15:1 15 kg bag
Red shade, non-crystallizing. Slightly redder than 5251. FDA approved.

5251 Phthalocyanine Blue, PB.15:1 10 kg bag

5618 Phthalocyanine Blue, PB.15:1 25 kg bag
Stir-in water dispersible bright blue. Recommended for construction and most water-based applications.

5452 Phthalocyanine Blue, PB.15:2 25 kg bag
Red shade NCNF grade. Slightly greener than 8200. Recommended primarily for coatings. FDA approved.

8200 Phthalocyanine Blue, PB.15:2 25 kg bag
Red shade NCNF grade. Recommended primarily for coatings. Slightly redder than 5452. FDA approved.

5352 Phthalocyanine Blue, PB.15:2 25 kg bag
NCNF grade. Alpha, red shade, phthalocyanine blue treated to provide crystal stability and flocculation resistance. Lower cost than all the Blue 15:2 products. Similar shade as the 8200. Recommended primarily for coatings. FDA approved.

8300P Phthalocyanine Blue, PB.15:3 25 kg bag
Easy to disperse for plastics and powder coatings. Higher heat stability. FDA approved.

5090 Phthalocyanine Blue, PB.15:3 25 kg bag
5090 is an easy to disperse, economical green shade phthalocyanine blue for various coatings applications. FDA approved.

5093 Phthalocyanine Blue, PB.15:3 25 kg bag
High quality, low cost, green shade phthalocyanine blue recommended for plastics and powder coatings. FDA approved.

5613 Blue GS, PB.15:3 25 kg bag
Stir-in water dispersible green shade blue pigment. Recommended for construction and most water-based applications.

5577 Phthalocyanine Blue, PB.15:3 25 kg bag
Green shade phthalocyanine blue with excellent color strength. FDA approved. It is specifically developed for water-based applications such as inks and dispersions.

DCC-3153 Phthalocyanine Blue, PB.15:3 20 kg bag
Used in high-quality coatings applications. It has excellent performance attributes including, color strength, heat stability, light and weatherfastness and chemical resistance.

5703 Phthalocyanine Blue, PB.15:3 25 kg bag
High strength, beta type, non-crystalizing green shade phthalocyanine blue. Recommended for water-based inks.

5154 Phthalocyanine Blue, PB.15:4 25 kg bag
Green shade NCNF grade. Recommended for coatings. FDA approved.

5454 Phthalocyanine Blue, PB.15:4 20 kg bag
Transparent, green shade NCNF grade. Recommended for ink jet, UV, solvent ink, and coatings applications. FDA approved.
<table>
<thead>
<tr>
<th>Pigment</th>
<th>Package Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCC-A2RU Indanthrone Blue, PB.60</td>
<td>20 kg bag</td>
<td>Greener in shade than DCC-A3R/DCC-A3RN. A highly chromatic blue that combines very good tintorial properties with excellent fastness to light, weather, chemical and solvents. DCC-A2RU is an extremely transparent blue that has superior tinting strength compared to A3RN and is suitable for special effect shades. DCC-A2RU is primarily recommended for both water and solvent-based automotive coatings due to its reduced flop and enhanced durability.</td>
</tr>
<tr>
<td>DCC-A3R Indanthrone Blue, PB.60</td>
<td>20 kg bag</td>
<td>Highly saturated blue that combines very good tintorial properties with excellent fastness to light, weather, chemical and solvents. DCC-A3R is a highly transparent blue suitable for opaque and effect shades and is used in high-performance coatings, plastics and ink applications.</td>
</tr>
<tr>
<td>DCC-A3RN Indanthrone Blue, PB.60</td>
<td>20 kg bag</td>
<td>Red shade, highly saturated blue that combines very good tintorial properties with excellent fastness to light, weather, chemical and solvents. DCC-A3RN is slightly stronger than DCC-A3R, and is a highly transparent blue suitable for use in the highest quality coatings, especially in metallic special effect finishes, and ink applications.</td>
</tr>
<tr>
<td>3017-PV Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>Medium shade with excellent heat stability and filter value lower than 2.0 bar/gram. Recommended for plastics applications. FDA approved.</td>
</tr>
<tr>
<td>3777 Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>Strong, very blue shade, easiest dispersing in plastics, coatings, and water flexo inks. Recommended for all applications. FDA approved.</td>
</tr>
<tr>
<td>3327 Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>Medium shade phthalo green that is recommended for all applications. Excellent rheology can be observed in some solvent systems in comparison to other phthalo greens.</td>
</tr>
<tr>
<td>DCC-4407 Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>Yellow shade green pigment for use in high-quality coatings applications. It has excellent performance properties including, color strength, heat stability, weatherfastness and chemical resistance.</td>
</tr>
<tr>
<td>DCC-4427 Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>High-performance green with excellent resistance properties that is compatible with several plastic resin systems such as polyolefins, PVC, ABS, PC, Rubber, PUR, PMMA &amp; PS.</td>
</tr>
<tr>
<td>PG-631 Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>Bluest shade transparent green. Recommended for solvent inks. FDA approved.</td>
</tr>
<tr>
<td>S-2020 Phthalocyanine Green, PG.7</td>
<td>25 kg bag</td>
<td>Strong medium shade. Slightly bluer than 3017-A. Recommended for coatings and plastics. FDA approved.</td>
</tr>
<tr>
<td>SC16-44 Green, PG.7</td>
<td>25 kg bag</td>
<td>Stir-in water dispersible green. Recommended for construction and most water-based applications.</td>
</tr>
<tr>
<td>3136 Phthalocyanine Green, PG.36</td>
<td>10 kg bag</td>
<td>Fully brominated yellow shade Green 36. Recommended for use in all applications.</td>
</tr>
</tbody>
</table>
### Violet

<table>
<thead>
<tr>
<th>Pigment Code</th>
<th>Pigment Name, PV.3</th>
<th>Form</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCC-RA529</td>
<td>Rhodamine B, PV.1</td>
<td>70 lb drum</td>
<td>Red shade rhodamine pigment for use in various ink applications. It offers a high degree of brilliance and tinctorial strength. It is recommended for offset inks and flushed color.</td>
</tr>
<tr>
<td>DCC-RA521</td>
<td>Tropical Violet, PV.2</td>
<td>20 kg &amp; 100 lb drum</td>
<td>Clean blue shade red rhodamine pigment for use in ink applications. It is ideal for aqueous dispersions at high pigment loading. It offers a high degree of brilliance and tinctorial strength.</td>
</tr>
<tr>
<td>1903-M</td>
<td>Methyl Violet, PV.3</td>
<td>25 kg bag</td>
<td>Redder shade. Good strength and viscosity. Recommended primarily for water-based inks. Also suitable for solvent inks.</td>
</tr>
<tr>
<td>1503</td>
<td>Carbazole Violet, PV.3:1</td>
<td>10 kg bag</td>
<td>Recommended primarily for solvent inks.</td>
</tr>
<tr>
<td>1219</td>
<td>Quinacridone Red Violet, PV.19</td>
<td>20 kg bag</td>
<td>E5B-02 type. Gamma crystal form, bright, yellow-shade quinacridone offering excellent overall properties. FDA approved.</td>
</tr>
<tr>
<td>1319</td>
<td>Quinacridone Red Violet, PV.19</td>
<td>20 kg bag</td>
<td>E3B type. Opaque yellow shade with excellent fastness properties. Yellower and more opaque than 1219. Recommended for inks, high grade industrial and automotive coatings.</td>
</tr>
<tr>
<td>1419</td>
<td>Quinacridone Red Violet, PV.19</td>
<td>25 kg bag</td>
<td>ER-02 type. Beta crystal form, blue shade Violet 19 offering excellent overall properties. FDA approved.</td>
</tr>
<tr>
<td>1227</td>
<td>Methyl Violet, PV.27</td>
<td>25 kg bag</td>
<td>Recommended primarily for water-based inks.</td>
</tr>
<tr>
<td>1029</td>
<td>Perylene Violet, PV.29</td>
<td>25 kg drum</td>
<td>High performance pigment that is a reddish maroon shade with high tint strength. Recommended primarily for plastics and high performance coating applications. FDA approved.</td>
</tr>
</tbody>
</table>

### Water Wettable Organic Pigments

Water Wetable Pigments are surface treated to improve the wettability and color acceptance in water-based applications, with minimal impact on the physical properties of cementitious systems. These pigments have good weatherfastness for exterior application, and are recommended for building materials, agriculture and shoe polish application.

<table>
<thead>
<tr>
<th>Pigment Code</th>
<th>Pigment Name, PV.97</th>
<th>Form</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2197</td>
<td>Azo Yellow, PY.97</td>
<td>25 kg bag</td>
<td>FGL type. Lightfast, green shade yellow. Recommended for coatings and inks.</td>
</tr>
<tr>
<td>5618</td>
<td>Phthalocyanine Blue, PB.15:1</td>
<td>25 kg bag</td>
<td>Stir-in water dispersible bright blue. Recommended for construction and most water-based applications.</td>
</tr>
<tr>
<td>490-P</td>
<td>Extra Strong Jet Black, PBk.7</td>
<td>25 lb bag</td>
<td>Easy dispersing carbon black. Recommended for water-based systems, especially concrete and roofing granules.</td>
</tr>
<tr>
<td>SC16-44</td>
<td>Green, PG.7</td>
<td>25 kg bag</td>
<td>Stir-in water dispersible green. Recommended for construction and most water-based applications.</td>
</tr>
</tbody>
</table>
Aluminum

DCL Aluminum Pastes, Pellets, and Powders are manufactured by Carlfors Bruk of Huskvarna, Sweden, 100+ year old, ISO 9001 certified company. Their Aluminum Pigments are world renowned for high leafing values and unsurpassed brilliance. Their fully automated factory produces products with outstanding lot to lot consistency.

Industrial Coatings

7075 65% Leafing Aluminum Paste 500 lb drum
Coarse paste widely used in asphalt-based roof coatings with extremely high leafing value and brightness. Also suitable for general industrial applications. Meets ASTM D962-II, C.

7076 70% Leafing Aluminum Paste 500 lb drum
Coarse paste widely used in asphalt-based roof coatings with extremely high leafing value and brightness. Also suitable for general industrial applications. Meets ASTM D962-II, C.

CB-180-73 73% Leafing Aluminum Paste 500 lb drum
Coarse paste widely used in asphalt-based roof coatings with extremely high leafing value and brightness. Also suitable for general industrial applications. Meets ASTM D962-II, C.

7081 65% Leafing Aluminum Paste 500 lb drum
Medium fineness, ideally suited for trade and maintenance coatings. Offers a good combination of reflectivity and hiding. Meets ASTM D962-II, B.

7054 73% Leafing Aluminum Paste 500 lb drum
Medium fineness, ideally suited for trade and maintenance coatings. Offers a good combination of reflectivity and hiding. Meets ASTM D962-II, B.

7058 65% Extra Fine Aluminum Paste 500 lb drum
Extra fine paste. Popular in aerosol paint formulations. Meets ASTM D962-II, B.

7053-CB 65% Non-Leafing Aluminum Paste 25 kg drum
Non-leafing paste for trade maintenance and general industrial coatings. Meets ASTM D962-IV, B

Sparkling Aluminum Pellets

Carlfors Bruk Sparkling Aluminum Pellets provide shiny and brilliant metallic effects for masterbatch applications as well as when used directly in film, extrusion, injection and blown molding applications. The narrow particle size distribution delivers brighter metallic effects. Carlfors Bruk Sparkling Aluminum Pellets contain 70% aluminum and 30% polyethylene wax as the carrier. Each of these products can also be supplied as a paste in Mineral Oil with a metal content of 85%.

CB 140 PELL W 94 Sparkling Aluminum Pellets 25 kg bag
Average particle size: 9 microns. High opacity and brightness. 94% aluminum.

CB-30-PEW-70 Sparkling Aluminum Pellets 25 kg bag
Average particle size: 30 microns. High opacity and brightness.

CB-38-PEW-70 Sparkling Aluminum Pellets 25 kg bag
Average particle size: 42 microns. Good opacity with moderate metallic sparkle.

CB-75-PEW-70 Sparkling Aluminum Pellets 25 kg bag
Average particle size: 75 microns. Good opacity with good metallic sparkle.

CB-95-PEW-70 Sparkling Aluminum Pellets 25 kg bag
Average particle size: 95 microns. Semi-transparent with good metallic sparkle.

CB-240-PEW-70 Sparkling Aluminum Pellets 25 kg bag
Average particle size: 240 microns. Transparent with high metallic sparkle.

AluPlast

7088 Aluminum Preparation 25 kg bag
80% in Parrafin Oil. This plastic grade is an excellent low cost alternative to aluminum “pellets”. Widely used in color concentrates for film and other applications.

7180 Aluminum Pellets 25 kg bag
Pellet form; metal content 80%. Same hiding power as 7088.
Anticorrosive

236 Zinc Phosphate 25 kg bag
Easy dispersing, non-toxic zinc phosphate tetrahydrate based product developed to replace zinc chromates. Excellent salt spray performance in many systems.

275-XF Strontium Chromate, E.D. 50 lb bag
Easy dispersing, low dusting, low oil absorption corrosion inhibitor. Recommended as a primer for aqueous or solvent-based paint systems.

243-XF Zinc Chromate ED 25 kg bag
Extra fine, fully micronized for easy dispersing, excellent outdoor durability. (Basic Zinc Potassium Chromate)

264 Basic Zinc Chromate 20 kg bag
Micronized, easy dispersing. Used in preconditioning wash primers for metals with excellent outdoor durability. (Zinc Chromate)

Bismuth Vanadate

Coatings Grades

DCC-14247 Bismuth Vanadate, PY.184 25 kg bag
Green shade yellow pigment with excellent heat and chemical resistance properties. It is recommended for use in high-grade industrial and automotive paints where excellent light and weatherfastness is required.

DCC-2096 Bismuth Vanadate, PY.184 25 kg bag
Bright, green shade yellow pigment with high gloss and opacity versus traditional grades and very good durability properties. It is especially suitable for decorative, industrial and powder coating applications.

DCC-2097 Bismuth Vanadate, PY.184 25 kg bag
Very green shade yellow pigment with high gloss and opacity versus traditional grades and very good durability properties. It is especially suitable for decorative, industrial and powder coating applications.

DCC-2100 Bismuth Vanadate, PY.184 25 kg bag
Very green shade yellow pigment. It exhibits very good weatherfastness and is designed for use in premium-grade coating applications.

DCC-2GTAA Bismuth Vanadate, PY.184 25 kg bag
Green shade yellow pigment with excellent alkaline stability, weatherfastness, heat stability, high saturation, high opacity and good flow properties. It is recommended for high alkaline substrates and containing systems.

DCC-3GLM Bismuth Vanadate, PY.184 25 kg bag
Brilliant green shade yellow pigment with high color strength and opacity. It exhibits excellent weatherfastness and is recommended for use in automotive and high-grade industrial paints.

DCC-3GMX-SI Bismuth Vanadate, PY.184 25 kg bag
Bright, green shade yellow pigment with stir-in dispersing properties. DCC-3GMX-SI has the highest color strength, gloss and opacity versus traditional grades. DCC-3GMX-SI is especially suitable for automotive, industrial and decorative paint applications.

DCC-4GMX Bismuth Vanadate, PY.184 25 kg bag
Very green shade yellow pigment with high color strength versus traditional grades and with very good durability properties. DCC-4GMX-SI is especially suitable for industrial and decorative paint applications.
DCC-RMX Bismuth Vanadate, PY.184  25 kg bag
Most chromatic pure PY.184 on the market, a bright lemon shade yellow pigment with high color strength and excellent hiding power. It exhibits very good weatherfastness and is used primarily in industrial and decorative paint applications. DCC-RMX allows for much cleaner shades and lower formulation costs during color matching.

DCC-RMXS Bismuth Vanadate, PY.184  25 kg bag
Bright lemon shade yellow pigment with the highest color strength of any PY.184 available today. It exhibits excellent hiding power, and weatherfastness and is used primarily in industrial and decorative paint applications, but can be used in automotive, powder and coil coatings systems. It can also be used in certain polyolefin-based plastics. DCC-RMXS allows much cleaner shades and lower formulation costs during color matching.

Plastics Grades

DCC-2091 Bismuth Vanadate, PY.184  25 kg bag
This is a green shade yellow pigment with excellent heat stability. It has outstanding fastness properties and is used in many polymers including most demanding engineering plastics, where high temperature resistance up to 320°C is demanded. It contains no boric acid.

DCC-2GTS Bismuth Vanadate, PY.184  25 kg bag
Clean green shade yellow plastic grade pigment with high color strength and saturation. It is particularly suitable for use in polyamide and engineering plastics due to its excellent heat stability.

DCC-2GTI Bismuth Vanadate, PY.184  25 kg bag
Green shade yellow plastic grade pigment with excellent heat stability. It has outstanding fastness properties and is especially designed for the most demanding engineering plastics, where DCC-2GTI is the 1st choice due to its high temperature resistance up to 320°C. DCC-2GTI is boric-acid free.

DCC-2GTM Bismuth Vanadate, PY.184  25 kg bag
Green shade yellow plastic grade pigment with excellent heat stability. It has outstanding fastness properties and is used in many polymers including most demanding engineering plastics.

DCC-2GLMA Bismuth Vanadate, PY.184  25 kg bag
Green shade yellow pigment with excellent heat stability and weatherfastness. DCC-2GLMA features high saturation and opacity and is recommended for many paint and plastic applications. The 1st choice for polyolefins due to it being non-warping in HDPE and having excellent resistance properties.

Hybrids

DCC-3RLM Bismuth Vanadate  25 kg bag
Lemon shade yellow hybrid pigment with excellent durability properties. It exhibits high saturation, high opacity and is recommended for use in the highest-quality industrial and automotive paints.

DCC-5RLM Bismuth Vanadate  25 kg bag
Mid-shade yellow hybrid pigment with excellent durability properties. It exhibits high saturation, high opacity and is recommended for use in premium grade industrial and automotive coatings.

DCC-5RLT Bismuth Vanadate  25 kg bag
Bright mid-shade yellow hybrid pigment with high color strength. DCC-5RLT exhibits very good weather fastness and is especially developed for use in road marking paint, especially hot melt. It is also suitable for polyolefin-based applications.

Carbon Black

490-P Extra Strong Jet Black, PBk.7  25 lb bag
Easy dispersing carbon black. Recommended for water-based systems, especially concrete and roofing granules.

461 Carbon Black, PBk.7  25 lb bag
A blue tone black powder in which a coarser particle allows medium viscosity and good flocculation/flood resistance for use in coatings.

462 Carbon Black, PBk.6  10 kg bag
Blue tone black powder which is easy dispersing with low oil absorption. Recommended for plastics, masterbatch and tinting systems.
Carbon Black (continued)

4032 Carbon Black, PBk.6  
20 kg bag  
Medium particle size, low-cost granular carbon black. Medium viscosity and jetness. Recommended primarily for plastics and water dispersions.

410 Carbon Black, PBk.6  
20 kg bag  
Smaller particle size low-cost granular carbon black. The most jet of our low-cost carbon blacks, however, with the highest viscosity. Recommended for plastics requiring excellent UV properties.

Molybdate Orange & Chrome Yellow

Classic Grades

DCC-1003 Medium Yellow, PY.34  
25 kg bag  
Standard medium chrome yellow pigment used in plastic and coating applications.

DCC-1012 Medium Yellow, PY.34  
25 kg bag  
Standard medium chrome yellow pigment that is slightly redder in shade & lower tint strength compared to DCC 1003, with stir in properties used for various applications.

DCC-1032 Lemon Yellow, PY.34  
25 kg bag  
Standard lemon chrome yellow pigment used in plastic and coating applications.

DCC-1036 Lemon Yellow, PY.34  
25 kg bag  
Standard lemon chrome yellow pigment with stir in properties that is redder in shade & slightly weaker in tint strength compared to DCC 1032 used in plastic and coating applications.

DCC-1077 Primrose Yellow, PY.34  
25 kg bag  
Standard primrose chrome yellow pigment used in plastic and coating applications.

DCC-1080 Primrose Yellow, PY.34  
25 kg bag  
Standard primrose chrome yellow pigment that is greener in shade & slightly weaker in tint strength compared to DCC 1077 used in plastic and coating applications.

DCC-Y933 Lemon Yellow, PY.34  
25 kg bag  
Lemon chrome yellow pigment used for coatings and plastics applications.

DCC-Y934 Lemon Yellow, PY.34  
25 kg bag  
Lemon chrome yellow pigment that is redder in shade and marginally weaker in tint strength compared to DCC Y933 used for coatings and plastics applications.

DCC-Y969 Medium Yellow, PY.34  
25 kg bag  
Medium chrome yellow pigment used for coatings and plastics applications. DCC Y969 is the reddest shade medium chrome we’re promoting from the classic range. It also has higher tinting strength than both DCC 1003 and 1012.

DCC-YE998 Molybdate Orange, PR.104  
25 kg bag  
Blue shade Molybdate orange pigment with stir in properties that has excellent lightfastness properties (full strength), bleed resistance and heat stability (260°C).

DCC-1623 Molybdate Orange, PR.104  
25 kg bag  
Yellow shade Molybdate orange pigment used for coatings and plastics applications.

DCC-1624 Molybdate Orange, PR.104  
25 kg bag  
Yellow shade Molybdate orange pigment used for coatings and plastics applications. DCC 1624 is the yellowest moly orange we’re promoting from the classic range. It also has higher tinting strength than both DCC 1623 and 1610.

DCC-0900 Molybdate Orange, PR.104 YS  
25 kg bag  
Yellow shade Molybdate Orange pigment used for coatings and plastics applications.

Pre-Darkened Range

DCC-1019 Medium Yellow, PY.34  
25 kg bag  
Pre-darkened standard medium chrome yellow pigment used in plastic and coating applications. DCC 1019 is the greenest shade medium chrome in this series, and has similar tint strength to DCC 1012.
DCC-1034 Lemon Yellow, PY.34  25 kg bag
Pre-darkened lemon chrome yellow pigments used in plastic and coating applications. DCC 1034 is redder in shade compared to Y933 and 1032, and stronger in tint strength compared to DCC Y933 and Y934.

DCC-5020 Medium Yellow, PY.34  25 kg bag
Sulphur Dioxide (SO$_2$) resistant pre-darkened medium chrome yellow pigment with easy dispersing properties, and high heat stability (260°C). DCC 5020 is marginally cleaner in masstone shade compared to DCC 1019 albeit higher performing, and DCC 5020 has lower tint strength.

DCC-1606 Molybdate Orange, PR.104  25 kg bag
Pre-darkened blue shade molybdate orange pigment with stir in properties and high heat stability (260°C) that can be used in plastic and coating applications. DCC 1606 is yellower and stronger than YE998.

DCC-1610 Molybdate Orange, PR.104  25 kg bag
Pre-darkened yellow shade molybdate orange pigment with stir in properties and high heat stability (260°C) that can be used in plastic and coating applications. DCC 1610 is considerably bluer in shade & weaker in tint strength compared to DCC 1623 and 1624.

DCC-5606 Molybdate Orange, PR.104  25 kg bag
Pre-darkened high performance blue shade moly orange pigment recommended for exterior applications. It is SO$_2$ resistant with excellent heat stability properties (270°C).

DCC-5610 Molybdate Orange, PR.104  25 kg bag
Pre-darkened high performance yellow shade moly orange pigment recommended for exterior applications. It is SO$_2$ resistant with excellent heat stability properties (270°C). DCC 5610 is the yellowest shade Moly, and has the highest tint strength of any Moly in the 5000 series.

**Krolor® Range**

DCC-KY787 Medium Orange, PY.34  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica encapsulated medium chrome yellow pigment with excellent heat resistance properties (280°C) for high-end plastic applications.

DCC-KY788 Lemon Yellow, PY.34  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica encapsulated lemon chrome yellow pigment with excellent heat resistance properties (280°C) for high-end plastic applications.

DCC-KY881 Lemon Yellow, PY.34  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica encapsulated lemon chrome yellow pigment with excellent heat resistance properties for coatings. DCC KY881 is similar in masstone shade and very slightly weaker in tint strength in comparison with DCC Y934.

DCC-KY895 Medium Yellow, PY.34  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica encapsulated medium chrome yellow pigment with excellent heat resistance properties for coatings. DCC KY895 is marginally duller, and slightly weaker in tint strength compared to DCC 1012.

DCC-KO786 Molybdate Orange, PR.104  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica blue shade moly orange pigment with excellent heat resistance properties (290°) for high-end plastics applications.

DCC-KO789 Molybdate Orange, PR.104  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica yellow shade moly orange pigment with excellent heat resistance properties (290°) for high-end plastics applications.

DCC-KO886 Molybdate Orange, PR.104  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica encapsulated blue shade moly orange pigment with excellent heat resistance properties for coatings. DCC KO886 is yellower in masstone, and weaker in tint strength compared to DCC YE998.

DCC-KO889 Molybdate Orange, PR.104  25 kg bag
Sulphur Dioxide (SO$_2$) resistant; silica encapsulated yellow shade moly orange pigment with excellent heat resistance properties for coatings. DCC KO889 is the yellowest shade Moly in the Krolor range and is slightly weaker than DCC 5610 in tint strength.
Chromium Oxide Green

Chromium Oxide Green pigments are very stable green pigments which are unaffected by acids, alkalis and solvents. They are heat stable and offer excellent value, lightfastness and weatherability.

301 Chromium Oxide Green, PG.17 50 lb bag
G4099 Type. High quality clean yellow shade. Recommended primarily for coatings and plastics. FDA approved.

333 Chromium Oxide Green, PG.17 25 kg bag
High quality, clean light to medium shade. Recommended for coatings and plastics. FDA approved.

329-A Chromium Oxide Green, PG.17 25 kg bag
High quality clean light to medium shade. Recommended primarily for coatings and plastics. FDA approved.

305 Chromium Oxide Green, PG.17 50 lb bag
G6099 Type. High quality clean medium shade. Recommended primarily for coatings and plastics. FDA approved.

361 Chromium Oxide Green, PG.17 25 kg bag
Dark shade. Recommended primarily for architectural applications. FDA approved.

386 Chromium Oxide Green, PG.17 25 kg bag
Darkest shade, especially manufactured for use in military and camouflage applications requiring high reflectivity in the infrared range. FDA approved.

Effect Pigment

Effect pigments are composed of synthetic mica platelets or artificial glass substrates and consecutive semitransparent layers of metal oxides. They deliver superior whiteness, brilliance and coverage with extraordinary optical effects ranging from a fine-grained luster to a bold silvery-white sparkle. Recommended for general industrial coatings, plastics, and printing ink applications. FDA approved.

AG110 Fine Satin Silver 25 kg box
Silver white translucent with a satin finish. Particle size: < 15 μm.

AG111 Fine Satin Silver 25 kg box
Silver white translucent with a satin finish. Particle size: < 15 μm.

AG120 Shiny Satin 25 kg box
Silver white translucent with a satin finish. Particle size: 5 - 25 μm.

AG120A Shiny Satin 25 kg box
Silver white translucent with a satin finish. Particle size: 5 - 25 μm.

AG123 Fine Satin Silver 25 kg box
Silver white translucent with a satin finish. Particle size: 5 - 25 μm.

AG302 Satin Gold 25 kg box
Gold translucent with a satin finish. Particle size: 5 - 25 μm.

AG323 Royal Satin 25 kg box
Gold with a satin finish. Particle size: 5 - 25 μm.

AG522 Red Brown Satin 25 kg box
Reddish shade brown with a satin finish. Particle size: 5 - 25 μm.
Inorganic Pigments

Natural Mica - Luster

AG100 Silver
Silver white translucent with a brilliant finish. Particle size: 10 - 60 μm.

AG173 Silk
Silver white translucent pearlescent pigment with a brilliant finish. Particle size: 10 - 60 μm.

AG308 Classical Gold
Gold translucent with a brilliant finish. Particle size: 10 - 60 μm.

AG425 Prussian Blue
Blue with brilliant finish. Particle size: 10 - 60 μm.

AG500 Bronze
Bronze with brilliant finish. Particle size: 10 - 60 μm.

AG401A Luster Black
Silver gray with brilliant finish. Particle size: 10 - 60 μm.

FiT-305 Solar Gold
Gold pearlescent pigment with a bright finish. Particle size: 10 - 60 μm.

Natural Mica - Glitter

AG153 Flashing Silver
Silver white translucent with a glittery finish. Particle size: 10 - 125 μm.

AG351 Glitter Gold
Gold translucent with a glittery finish. Particle size: 20 - 80 μm.

Synthetic Mica

AG6136 Pure Silk Silver
Silver white with brilliant finish. Particle size: 10 - 60 μm.

AG6331 Pure Gold
Gold with brilliant finish. Particle size: 10 - 60 μm.

AG6351 Shimmer Gold
Gold with brilliant finish. Particle size: 10 - 100 μm.

LANOX Iron Oxide

Excellent chemical and weather resistance with excellent opacity. Recommended for the coloration of concrete, select coatings, and plastic applications.

Synthetic Regular

8820 Syn Yellow Iron Oxide, PY.42
Recommended for use in the coloration of concrete, low temperature plastics and coatings.

8960 Syn Yellow Iron Oxide, PY.42
Excellent chemical and weather resistance and excellent opacity. Recommended for concrete coloration.

1872 Syn High Temperature Yel Iron Oxide
PY.42. Special surface treatment to give greater heat stability. Intended for use in plastics up to 460°F.

8110 Syn Red Iron Oxide, PR.101
110 Type. A light, yellow shade.

8110-A Syn Red Iron Oxide, PR.101
110 type. A light yellow shade.

8130 Syn Red Iron Oxide, PR.101
130 Type. Bluer than 8110.

8130-A Syn Red Iron Oxide, PR.101
130 type. Bluer than 8110.

6100 Syn Brown Iron Oxide (Blend)
610 Type.

8303T Syn High Temperature Black Iron Oxide
High temperature black iron oxide PBk.26. Recommended for paints and coatings requiring high thermal stability such as those for furnaces, grills, etc.

8330 Syn Black Iron Oxide, PBk.11
330 Type.
Natural

131-XF Nat Micronized Red Iron Oxide 25 kg bag
Yellow Shade. Used in the coating of metal substrates in primers and other applications where low cost and excellent chemical and weather resistance is needed.

Micronized

Synthetic Micronized iron oxide pigments excellent have weather and lightfastness as well as excellent dispersibility and hiding. They are recommended for select coatings and plastics applications.

1810M Syn Micronized Yel Iron Oxide 25 kg bag
Recommended for low temperature plastics applications only. FDA approved.

2810M Syn Micronized Yel Iron Oxide 25 kg bag
3910 Type. Lower oil absorption than 1810M with similar shade. FDA approved.

1820M Syn Micronized Yel Iron Oxide 25 kg bag
Recommended for low temperature plastics applications only. Darker and redder compared to 1810M. FDA approved.

2820M Syn Micronized Yel Iron Oxide 25 kg bag
1420M Type. Lower oil absorption than 1820M with similar shade. FDA approved.

8110M Syn Micronized Red Iron Oxide 25 kg bag
Yellowest shade red. FDA approved.

8120NM Syn Micronized Red Iron Oxide 25 kg bag
Bluer than 8110M. FDA approved.

8130M Syn Micronized Red Iron Oxide 25 kg bag
Bluer than 8120NM. FDA approved.

8140M Syn Micronized Red Iron Oxide 25 kg bag
Bluer than 8130BM. FDA approved.

8160M Syn Micronized Red Iron Oxide 25 kg bag
Bluer than 8140BM. FDA approved.

8180M Syn Micronized Red Iron Oxide 25 kg bag
Bluer than 8160M. FDA approved.

8318M Syn Micronized Black Iron Oxide 25 kg bag
318M Type. For applications below 365°F. FDA approved.

8330M Syn Micronized Black Iron Oxide 25 kg bag
Stronger, slightly bluer shade. For applications below 365°F. FDA approved.

Transparent

8916 Transparent Yellow Iron Oxide 25 kg bag
Transparent yellow iron oxide with high strength and UV protection properties. Recommended for wood, automotive, industrial and powder coatings, low temperature plastics and Printing ink applications.

8817 Transparent Red Iron Oxide 25 kg bag
Transparent red iron oxide with high strength and UV protection properties. Recommended for wood, automotive, industrial and powder coatings, low temperature plastics and Printing ink applications.

5021 Milori Blue, PB.27 25 kg bag
Low cost blue primarily for solvent paint and ink systems.

Ultramarine Blue & Violet

UPL-2905 Ultramarine Blue, PB.29 25 kg bag
Red shade for plastics and coatings. FDA approved.

UPL-1130 Ultramarine Blue, PB.29 25 kg bag
Stronger red shade. Greener than UPL-2905. For plastics and coatings. FDA approved.

UPL-AR4 Ultramarine Blue, PB.29 25 kg bag
Red shade acid resistant ultramarine blue primarily for coatings and plastics or any other application where resistance to mildly acidic conditions is required. FDA approved.
UPL-A105 Ultramarine Blue, PB.29
Medium green shade for plastics and coatings. FDA approved.

UPL-3376H Ultramarine Blue, PB.29
Medium red shade for plastics and coatings. Greener than UPL-A105. FDA approved.

UPL-34595 Ultramarine Blue, PB.29
Green shade for plastics and coatings. Greener than UPL-3376H. FDA approved.

µltraBlue® Ultramarine Blue & Violet Pigments
New and improved Ultramarine Blue & Violet pigments for the coloration of plastics and coatings. FDA approved.

Specifications:
Low sulfur (< 100 ppm)
Low moisture (< 0.05% when packed)
Low soluble salts (< 0.7%)
Ultra Small Particle
(d90 < 4 micron, d100 < 44 microns)
Consistent Shade and Strength (DE < 0.75)

µltraBlue® 7065, PB.29
Reddest shade. Offset to Nubiola DP-25 and Holliday 5050.

µltraBlue® 2320, PB.29
Greener shade than 7065. Offset to Nubiola E-28 and Holliday 5008/6108/6128.

µltraBlue® 3111, PB.29
Greener than 2320. Offset to Nubiola F-36 and Holliday 6308.

µltraBlue® 2610, PB.29
Greener than 3111. Offset to Nubiola F-37 and Holliday 5007/6177.

µltraBlue® 3511, PB.29
Greener than 2610. Offset to Nubiola FCP-R.

µltraBlue® 6130, PB.29
Greener than 3511. Offset to Nubiola H-55 and Holliday 6105/6125.

µltraBlue® 8125, PB.29
Greener than 6130. Offset to Nubiola FCP-H.

µltraBlue® 6120, PB.29
Greener than 8125. Offset to Nubiola G-58 and Holliday 5005.

µltraBlue® 2108, PB.29
Greener than 6120. Offset to Nubiola E-62 and Holliday 5151.

µltraBlue® 7120, PB.29
Greener than 2108. Offset to Nubiola FCP-G.

µltraBlue® 7125, PB.29
Greener than 7120. Offset to Nubiola FG-75 and Holliday 6302.

µltraBlue® 3010, PB.29
Greener than 3111. Offset to Nubiola C-84 and Holliday 5002/6102/6122.

µltraBlue® UPV5, PV.15
Ultramarine violet, Bluer than V8B2. Recommended for industrial application and cosmetics. Offset to Nubiola V-5 and Holliday 5011/6111.

µltraBlue® V8B2, PV.15
Ultramarine violet. Recommended for industrial application and cosmetics. Offset to Nubiola V-8 and Holliday 5012/6112.
### Titanium Dioxide

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>R2041 Rutile Titanium, PW.6</td>
<td>25 kg bag</td>
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<tr>
<td>8086 Rutile Titanium, PW.6</td>
<td>25 kg bag</td>
</tr>
<tr>
<td>8045 Buff Rutile Titanium Dioxide, PW.6</td>
<td>25 kg bag</td>
</tr>
<tr>
<td>RC-800-PG Rutile Titanium, PW.6</td>
<td>25 kg bag</td>
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### Zinc Ferrite

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>Tan 221 Zinc Ferrite, PY.119</td>
<td>25 kg bag</td>
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<tr>
<td>Tan 223 Heat Stable Dark Tan</td>
<td>50 lb bag</td>
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### Zinc Oxide

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>896 Zinc Oxide, PW.4</td>
<td>25 kg bag</td>
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</table>
Inorganic Pigments

Complex Inorganic Color Pigments

We are the exclusive North American distributor for The Shepherd Color Company, a US based manufacturer of high quality Complex Inorganic Color Pigments (CICP). CICP’s are among the most durable pigments for demanding applications such as high temperature plastics and coatings requiring long term weatherfastness.

Dynamix®
Easy-to-disperse Complex Inorganic Color Pigments with broad range compatibility. Recommended for liquid, powder coatings, inks, dispersions, plastics and concrete applications.

Black 3OC933 25 kg box

Black 3OC940 25 kg box
C.I. Pigment Green 17. A non-warping black powder that is easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

Black 3OC941 25 kg box

Black 3OC965 25 kg box
C.I. Pigment Black 28. A non-warping, jet-black powder. It is easily dispersible and is suitable for liquid and powder coatings, inks, dispersions, concrete and plastics.

Blue 3OC527 25 kg box
C.I. Pigment Blue 36. A dark blue-green powder that is non-warping. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

Blue 3OC588 25 kg box
C.I. Pigment Blue 28. A non-warping, rich blue powder. It is easily dispersible and recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

Blue 3OC591 25 kg box
C.I. Pigment Blue 28. A non-warping, dark blue powder that is easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

Brown 3OC888 25 kg box
C.I. Pigment Brown 33. A non-warping, reddish brown powder. It is an easily dispersible grade pigment with excellent UV and visible opacity. Primarily recommended for coatings applications.

Green 3OC612 25 kg box
C.I. Pigment Green 50. A non-warping, rich green powder that is easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, plastics and concrete.

Green 3OC654 25 kg box
C.I. Pigment Green 17. An easily dispersible green powder with excellent UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions, plastics and concrete.

Green 3OC678 25 kg box

Orange 3OC342 25 kg box
C.I. Pigment Yellow 216. A non-warping, orange powder that is very easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.
### Inorganic Pigments

#### Yellow 30C119
- **C.I. Pigment Yellow 53.** A non-warping, bright yellow powder. It is very easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

#### Yellow 30C152
- **C.I. Pigment Yellow 227.** A non-warping, chromatic yellow inorganic pigment that is easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

#### Yellow 30C236
- **C.I. Pigment Brown 24.** A non-warping, golden yellow powder that is very easily dispersible. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

#### Black 1
- **C.I. Pigment Black 28.** A non-warping jet-black powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions and plastics.

#### Black 1G
- **C.I. Pigment Black 28.** A non-warping, jet-black powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions and plastics.

#### Black 10C912
- **C.I. Pigment Brown 29.** An IR reflective black powder with good UV and visible opacity. Compatible with most resin systems and polymers. Recommended for liquid and powder coatings, inks and dispersions.

#### Black 10C928
- **C.I. Pigment Black 28.** A non-warping jet-black powder with good UV and visible opacity. Generally used in applications where resistance to heat, light and weather are needed.

#### Black 10C931
- **C.I. Pigment Black 26.** A non-warping jet-black powder with good UV and visible opacity. Generally used in applications where the absence of chromium is desired.

#### Black 10G903
- **C.I. Pigment Brown 29.** An IR reflective black powder with good UV and visible opacity. It is non-warping. Recommended for liquid and powder coatings, inks, dispersions and plastics.

#### Black 10G937
- **C.I. Pigment Black 30.** A non-warping jet-black powder with good UV and visible opacity and high infrared reflection. Recommended for liquid and powder coatings, inks, dispersions and plastics.

#### Black 10G996
- **C.I. Pigment Brown 29.** An IR reflective black powder for use in coatings and plastics applications. Suitable for siding, extrusions, building panels, roofing, fibers and plastics.

#### Black 10K927
- **C.I. Pigment Black 27.** A dark black powder with good UV and visible opacity. Typical applications are most ceramic glazes and body stains.

#### Black 10P922
- **C.I. Pigment Green 17.** A black powder with good UV and visible opacity. It is non-warping, non-bleeding and non-migratory. Primarily recommended for plastics.

#### Black 10P923
- **C.I. Pigment Brown 29.** An IR reflective jet-black pigment primarily for use in plastics applications. Exhibits high TSR and HBU. Suitable for siding, extrusions, building panels, roofing, fibers and plastics.

#### Black 10P950
- **C.I. Pigment Brown 29.** A brown-black powder with good UV and visible opacity and high infrared reflection. Primarily recommended for plastics.
**Inorganic Pigments**

**Black 20C920** 25 kg box  
C.I. Pigment Black 28. A non-warping, jet-black powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, and dispersions.

**Black 20F944 FDA** 25 kg box  

**Black 376A** 25 kg box  
C.I. Pigment Black 30. A non-warping, jet-black powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions and plastics.

**Black 411A** 25 kg box  

**Black 430** 25 kg box  
C.I. Pigment Black 28. A non-warping, jet-black powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions and plastics.

**Black 444** 25 kg box  

**Blue 3J** 25 kg box  
C.I. Pigment Blue 28 – A non-warping dark blue powder with good opacity, and resistance to light, heat and weather. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

**Blue 10C560** 25 kg box  

**Blue 10C595** 25 kg box  
C.I. Pigment Blue 28. A non-warping, bright blue powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

**Blue 10F545** 25 kg box  
C.I. Pigment Blue 36 - A non-warping, non-bleeding and non-migratory dark blue powder intended for use in indirect or incidental food contact materials. Pigment has good opacity, and resistance to light, heat and weather. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

**Blue 10G551** 25 kg box  
C.I. Pigment Blue 36. A dark blue-green powder that is heat resistant and stable to UV light. Complies with ASTM C979. Recommended for concrete, stucco, grout, ceramic bodies and low zinc glazes.

**Blue 10G580** 25 kg box  

**Blue 10K525** 25 kg box  
C.I. Pigment Blue 28. A dark blue powder that is heat resistant and stable to UV light. Complies with ASTM C979. Recommended for concrete, stucco, grout and ceramic bodies and glazes.

**Blue 211** 25 kg box  
C.I. Pigment Blue 36. A non-warping, bright blue-green powder that has good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.

**Blue 214** 25 kg box  
### Inorganic Pigments

#### Blue

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue 424</td>
<td>C.I. Pigment Green 50. A non-warping, turquoise-blue powder. It is compatible with most resin systems and polymers. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.</td>
</tr>
</tbody>
</table>

#### Violet

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Violet 11C</td>
<td>C.I. Pigment Violet 16. A red-violet powder that is non-migrating and non-bleeding. Typical applications are cosmetics (especially those intended for use around the eye) and external use drugs.</td>
</tr>
<tr>
<td>Violet 11T</td>
<td>C.I. Pigment Violet 16. A red-violet powder that is non-migrating and non-bleeding. Primarily recommended for toning clear and white resins to mask yellowing.</td>
</tr>
<tr>
<td>Violet 92</td>
<td>C.I. Pigment Violet 14. A blue-violet powder that is non-migrating and non-bleeding. Recommended for liquid and powder coatings, inks, dispersions and plastics.</td>
</tr>
</tbody>
</table>

#### Orange

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange 10C341</td>
<td>C.I. Pigment Yellow 216. A non-warping, chromatic inorganic orange powder. It is non-warping and primarily recommended for coatings.</td>
</tr>
</tbody>
</table>

#### Brown

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown 10C873</td>
<td>C.I. Pigment Yellow 164. A non-warping, dark brown powder. Exhibits good UV and visible opacity and high infrared reflection. Recommended for liquid and powder coatings, inks and dispersions.</td>
</tr>
<tr>
<td>Brown 10P858</td>
<td>C.I. Pigment Brown 48 – A non-warping, non-bleeding, non-migratory red shade brown powder with exceptional durability and hiding power. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.</td>
</tr>
<tr>
<td>Brown 19</td>
<td>C.I. Pigment Black 12 – A non-warping, non-bleeding and non-migratory yellow-brown powder with high infrared reflection, good UV and opacity properties. Recommended for liquid and powder coatings, inks, and dispersions.</td>
</tr>
<tr>
<td>Brown 19FDA</td>
<td>C.I. Pigment Black 12 – A non-warping, non-bleeding and non-migratory yellow-brown powder with high infrared reflection, good UV and opacity properties. Recommended for liquid and powder coatings, inks, and dispersions. FDA approved.</td>
</tr>
</tbody>
</table>
### Inorganic Pigments

#### Green

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10C650</td>
<td>C.I. Pigment Green 17. A highly infrared reflective, modified chromium oxide green pigment. It is non-warping and recommended for liquid and powder coatings, inks, dispersions and plastics.</td>
</tr>
<tr>
<td>10G655</td>
<td>C.I. Pigment Green 50. A non-bleeding, non-migratory medium green powder with exceptional durability and hiding power. Recommended for liquid and powder coatings, inks, dispersions, concrete and plastics.</td>
</tr>
<tr>
<td>187B</td>
<td>C.I. Pigment Blue 36. A green-blue powder that is non-warping. It has exceptional durability and hiding power. Recommended for liquid and powder coatings, inks, dispersions, plastics and concrete.</td>
</tr>
<tr>
<td>223</td>
<td>C.I. Pigment Green 50. A bright green powder that is non-warping. It is non-bleeding and non-migratory. Recommended for liquid and powder coatings, inks, dispersions, plastics and concrete.</td>
</tr>
<tr>
<td>260</td>
<td>C.I. Pigment Green 50. A non-warping, medium green powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks, dispersions, plastics and concrete.</td>
</tr>
</tbody>
</table>

#### Yellow

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>10C112</td>
<td>C.I. Pigment Yellow 53. A non-warping, bright yellow powder with good UV and visible opacity. Recommended for liquid and powder coatings, inks and dispersions.</td>
</tr>
<tr>
<td>10C112E</td>
<td>C.I. Pigment Yellow 53. A non-warping, bright yellow powder with good UV and visible opacity. Primarily recommended for plastics. REACh compliant grade of Yellow 10C112.</td>
</tr>
<tr>
<td>10C151</td>
<td>C.I. Pigment Yellow 227. A non-warping, chromatic yellow inorganic pigment with good UV and visible opacity. It is non-bleeding and non-migratory. Primarily recommended for coatings.</td>
</tr>
</tbody>
</table>
# Inorganic Pigments

## Yellow (continued)

<table>
<thead>
<tr>
<th>Pigment</th>
<th>Form</th>
<th>C.I.</th>
<th>Description</th>
<th>Recommended Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow 10P225</td>
<td>25 kg box</td>
<td>Brown 24</td>
<td>A non-warping, yellow-orange powder with good UV and visible opacity. Primarily recommended for plastics.</td>
<td></td>
</tr>
<tr>
<td>Yellow 10P256</td>
<td>25 kg box</td>
<td>Brown 48</td>
<td>A non-warping, yellow-brown powder with good UV and visible opacity and high infrared reflection. Primarily recommended for plastics.</td>
<td></td>
</tr>
<tr>
<td>Yellow 10P270</td>
<td>25 kg box</td>
<td>Brown 24</td>
<td>A non-warping, yellow-orange powder with good UV and visible opacity. Primarily recommended for plastics.</td>
<td></td>
</tr>
<tr>
<td>Yellow 20P296</td>
<td>25 kg box</td>
<td>Black 12</td>
<td>A non-warping, yellow-brown powder with good UV and visible opacity and high infrared reflection. It has exceptional durability and hiding power. Primarily recommended for plastics.</td>
<td></td>
</tr>
<tr>
<td>Yellow 196</td>
<td>25 kg box</td>
<td>Brown 24</td>
<td>A non-warping, yellow-orange powder. It exhibits high heat resistance and UV stability along with high durability and hiding power. Primarily recommended for plastics.</td>
<td></td>
</tr>
</tbody>
</table>

## StarLight®

<table>
<thead>
<tr>
<th>Product</th>
<th>Form</th>
<th>Description</th>
<th>Recommended Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>StarLight® FX15</td>
<td>1 kg box</td>
<td>Micron-thick silver coated glass flakes with brilliant light reflecting properties. They are easily dispersible and add sparkle to many applications. Primarily designed for coatings, dispersions and inks.</td>
<td></td>
</tr>
<tr>
<td>StarLight® FX25</td>
<td>1 kg box</td>
<td>Micron-thick silver coated glass flakes with brilliant light reflecting properties. They are easily dispersible and add sparkle to many applications. Primarily designed for coatings, dispersions and inks.</td>
<td></td>
</tr>
<tr>
<td>StarLight® FL37</td>
<td>1 kg box</td>
<td>Silver coated glass flakes with brilliant light reflecting properties. They are easily dispersible and add sparkle to many applications. Recommended for coatings, dispersions, inks and plastics.</td>
<td></td>
</tr>
<tr>
<td>StarLight® FL105</td>
<td>1 kg box</td>
<td>Silver coated glass flakes with brilliant light reflecting properties. They are easily dispersible and add sparkle to many applications. Recommended for coatings, dispersions, inks and plastics.</td>
<td></td>
</tr>
<tr>
<td>StarLight® FL500</td>
<td>1 kg box</td>
<td>Silver coated glass flakes with brilliant light reflecting properties. They are easily dispersible and add sparkle to many applications. Recommended for coatings, dispersions, inks and plastics.</td>
<td></td>
</tr>
</tbody>
</table>
We are fully engaged in meeting the needs of customers worldwide. We strive to adapt to ever-changing needs through a caring and responsive approach to achieve complete customer satisfaction.

We value every customer relationship which is fostered by the following commitments:

• To satisfy our customers’ needs and expectations through our products, services and open communications;
• To comply with applicable requirements including legal, contractual and stakeholder obligations;
• To demonstrate continual improvement (Plan, Do, Check, Act - PDCA Cycle) of our products, processes and services;
• To gain insight and improve the level of customer satisfaction

Through these efforts and the maintenance of our Quality Management System, we will continually improve customer satisfaction, performance and sustainable development.
CONDITIONS OF SALE
Orders are accepted on a material availability basis only.
Pricing - please contact your local DCL representative.
Payment Terms - 30 days net.
Pricing is based on the date of shipment.

ORGANIC PIGMENT FREIGHT TERMS
Freight prepaid on orders with a minimum shipment of 500 lbs.
All shipments below 500 lbs. are shipped F.O.B. shipping point.
Minimum Order Charge - a $75.00 per order surcharge is assessed on orders below 110 lbs.
Orders of 2 bags or less may be subject to additional packing and handling charges.

INORGANIC PIGMENT FREIGHT TERMS - GENERAL
All prices are F.O.B. warehouse.
Surcharges - for orders under 2,000 lbs. add $0.15/lb.
Minimum Order Charge - a $75.00 surcharge will be added to all invoices totaling less than 500 lbs.
Orders of 2 bags or less may be subject to additional packing and handling charges.

BISMUTH VANADATE TERMS
1100 lbs and up – Prepaid and Delivered
Less than 1100 lbs – FOB Shipping Point; freight prepaid and added.
Minimum Order Charge of $15.00 applies to orders of less than 275 lbs.
Orders of 2 boxes or less may be subject to additional packaging and handling charges.

CICP FREIGHT TERMS
1100 lbs and up – Prepaid and Delivered
Less than 1100 lbs – FOB Shipping Point; freight prepaid and added.
Minimum Order Charge of $15.00 applies to orders of less than 275 lbs.
Orders of 2 boxes or less may be subject to additional packaging and handling charges.

Warehouse surcharges:
Edison, NJ – $0.10/lb | Chicago, IL – $0.10/lb | Wichita, KS - $0.15/lb | Mira Loma, CA- $0.15/lb

EFFECT PIGMENT FREIGHT TERMS
Freight prepaid on orders with a minimum shipment of 250 kg.
All shipments below 250 kg. are shipped F.O.B. shipping point.
Orders of 2 bags or less may be subject to additional packing and handling charges.

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EMAIL SALES: sales@pigments.com

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## SALES MANAGEMENT

<table>
<thead>
<tr>
<th>NAME</th>
<th>ROLE / TERRITORY</th>
<th>EMAIL</th>
</tr>
</thead>
<tbody>
<tr>
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## SALES MANAGERS

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<tr>
<th>NAME</th>
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<tbody>
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</tr>
</tbody>
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## TECHNICAL & QUALITY

<table>
<thead>
<tr>
<th>NAME</th>
<th>ROLE / TERRITORY</th>
<th>EMAIL</th>
</tr>
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<tbody>
<tr>
<td>Curtis Ross</td>
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<td><a href="mailto:cross@pigments.com">cross@pigments.com</a></td>
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</tr>
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</tr>
</tbody>
</table>

## CUSTOMER SERVICE

<table>
<thead>
<tr>
<th>NAME</th>
<th>ROLE / TERRITORY</th>
<th>EMAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shauna Baird</td>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
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<td><a href="mailto:a.rotatori@pigments.com">a.rotatori@pigments.com</a></td>
</tr>
</tbody>
</table>

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March 2020