DCC® Yellow
Isoindolinone 7310

High-performance, red shade yellow pigment
Very good heat stability and weatherfastness
FDA & AP(89)1 Compliant for non-direct food contact applications

Applications
- Blow Molding
- Fibres Polypropylene
- Film
- Injection Molding
- PVC
- Engineering Resins

Recommendations:
- ✔ Frequently Used
- ⚫ Limited Use
- ⚫ Not Normally Used

ISO 9001
ISO 14001
dominioncolour.com
sales@dominioncolour.com
PRODUCT OVERVIEW

CHEMICAL CLASS
Isoindolinone
C.A.S. # 5590-18-1/106276-80-6
Constitution No. 56280

PRODUCT OVERVIEW
DCC® Yellow 7310 is a high performance red shade organic yellow pigment (PY.110). It is used in a broad range of interior or exterior high-end plastic applications, given its remarkable heat resistance (up to 300°C), weatherfastness, and chemical resistance. DCC® Yellow 7310 has excellent dispersibility resulting in low pressure build during processing. It is also FDA & AP(89)1 compliant making it suitable for non-direct food contact applications.

PRODUCT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Weatherfastness</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Masstone</td>
<td>4 - 5</td>
</tr>
<tr>
<td>- Tint</td>
<td></td>
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</tbody>
</table>

Physical Properties

<table>
<thead>
<tr>
<th>Specific Gravity</th>
<th>1.78g/cm³</th>
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<tbody>
<tr>
<td>Oil Absorption</td>
<td>30g/100g</td>
</tr>
<tr>
<td>Heat Resistance</td>
<td>300°C</td>
</tr>
</tbody>
</table>

| Warp Resistance | 3 |

WEATHERFASTNESS:
1 - Severe Change In Shade   5 - No Change In Shade

WARP RESISTANCE:
1 - Minimal Warpage    2 - Some Warpage    3 - Not Recommended

RESISTANCE PROPERTIES

<table>
<thead>
<tr>
<th>Wax</th>
<th>E</th>
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</thead>
<tbody>
<tr>
<td>MEK</td>
<td>E</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>E</td>
</tr>
<tr>
<td>Water</td>
<td>E</td>
</tr>
<tr>
<td>Xylene</td>
<td>E</td>
</tr>
<tr>
<td>Acid Resistance</td>
<td>E</td>
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<tr>
<td>Alkali Resistance</td>
<td>E</td>
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</tbody>
</table>

LEGEND:
E - Excellent     VG - Very Good     G - Good     F - Fair     P - Poor

REGULATORY
DCC® Yellow 7310 in compliance with the Code of Federal regulations in the USA, Canada, Europe, Japan, China, Philippines, Australia, New Zealand and South Korea. It is FDA compliant (FDA 21CFR 178.3297) for indirect food contact at levels not to exceed 1 percent by weight of polymers under conditions B through H (visit www.ecfr.gov for more information). This product is also AP(89)1 approved in Europe for indirect food contact applications.

KEY BENEFITS
DCC® Yellow 7310 has outstanding dispersion characteristics and excellent durability properties. These pigments will last longer compared to regular grades and in turn, create downstream cost efficiencies. Its lower screen pack pressure may allow for higher pigmentation level and less downtime to change filters, ultimately providing cost savings for customers.

For more information on DCC® Yellow 7310, please contact sales@dominioncolour.com or request a free sample online.