DCL-301 Chromium Oxide Green, PG.17

Description: DCL-301 is a high quality, clean, yellow shade, very stable green pigment that is unaffected by acids, alkalis and solvents. DCL-301 is heat stable and offers excellent value, lightfastness and weatherability. FDA approved (Section 178.3297).

Chemical Type	Chromium Oxide Green	**Constitution No.**	77288
Color Index	Pigment Green 17	**CAS No.**	1308-38-9

Resistance Properties

MEK	5	**Ethanol**	5
Water	5	**Ethyl Acetate**	5
Mineral Spirits	5	**Acid**	5
Xylene	5	**Alkali**	5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Migration (1-5)	5	**Lightfastness (1-8): Masstone**	8
Heat Stability (°C/°F)	982°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	8
Warpage Rating (1-3) * Plastic Only	1	**Weatherfastness (1-5): Masstone**	8
Overpaint Resistance * Paints Only	5	**Weatherfastness (1-5): Tint 1:10**	8

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

Particle Size (µm)	0.8-1.0	**pH**	6.0-8.0
Specific Surface Area (m^2/g)	3.2	**Specific Gravity**	5.1
Oil Absorption (g/100g)	≤ 18.0	**Bulk Density (kg/L)**	
Volatile Content (%)	≤ 0.50	**Melting Point**	2300°C
Solubility in Water	Insoluble	**Sieve Residue (325 Mesh)**	≤ 0.1

Applications

Plastics		Coatings		Inks	Other
PVC	■	**Decorative**	■	**Water Flexo**	**Paper**
PE	■	**Automotive/Aerospace**	■	**Solvent Flexo**	**Rubber**
PP	■	**Industrial**	■	**InkJet**	**Finger Paints**
PS	■	**Powder**	■	**UV**	**Seed Coatings**
PET	■			**Offset**	
Fiber					

☐ Not Frequently Used ◘ Limited ■ Recommended

Comments: This pigment is also recommended for the contruction industry.

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