DCL-333 Chromium Oxide Green, PG.17

Description: DCL-333 is a high quality, clean, light to medium shade, very stable green pigment that is unaffected by acids, alkalis and solvents. DCL-333 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)	1.5-1.8	**pH**	6.0-8.0
Specific Surface Area (m^2/g)	3.2	**Specific Gravity**	5.10
Oil Absorption (g/100g)	15-25	**Bulk Density (kg/L)**	
Volatile Content (%)	≤ 0.15	**Melting Point**	2300°C
Solubility in Water	Insoluble	**Sieve Residue (325 Mesh)**	≤ 0.3

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.

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.