DCL-3777 Phthalo Green BS, PG.7

Description: DCL-3777 is a bright, somewhat blue shade phthalocyanine with excellent overall properties. FDA approved (section178.3297)

Chemical Type	Phthalo Green	**Constitution No.**	74260
Color Index	Pigment Green 7	**CAS No.**	1328-53-6

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)	200°C (Paints) 300°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	8
Warpage Rating (1-3) * Plastic Only		**Weatherfastness (1-5): Masstone**	
Overpaint Resistance * Paints Only	5	**Weatherfastness (1-5): Tint 1:10**	

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)		**pH**	5.5 - 7.5
Specific Surface Area (m^2/g)		**Specific Gravity**	2.0
Oil Absorption (g/100g)	27 - 32	**Bulk Density (kg/L)**	
Moisture Content (%)	≤ 1.0%	**Bulk Volume (L/kg)**	

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:

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