



5093 Phthalo Blue 15:3

Description: 5093 is a low-cost green shade phthalocyanine blue for plastics. 5093 is FDA Approved (Section 178.3297).

Chemical Type	Phthalo Blue	Constitution No.	74160
Color Index	Pigment Blue 15:3	CAS No.	147-14-8

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)	290°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	5.0 - 7.5
Specific Surface Area (m²/g)		Specific Gravity	1.6
Oil Absorption (g/100g)	35 - 45	Bulk Density (kg/L)	
Moisture Content (%)	<1.0%	Bulk Volume (L/kg)	

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative	<input type="checkbox"/>	Water Flexo	<input type="checkbox"/>	Paper	
PE	■	Automotive/Aerospace	<input type="checkbox"/>	Solvent Flexo	<input type="checkbox"/>	Rubber	■
PP	■	Industrial	<input type="checkbox"/>	InkJet	<input type="checkbox"/>	Finger Paints	
PS	■	Powder	■	UV	<input type="checkbox"/>	Seed Coatings	
PET	■			Offset	<input type="checkbox"/>		
Fiber	■						

Not Frequently Used Limited Recommended

Comments:

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