



5251 Phthalo Blue 15:1

Description: 5251 is a low cost, heat stable easy dispersing alpha crystal form red shade phthalocyanine blue. 5251 is FDA approved (Section 178.3297)

Chemical Type	Phthalo Blue	Constitution No.	74160
Color Index	Pigment Blue 15:1	CAS No.	147-14-8

Resistance Properties

MEK	5	Ethanol	5
Water	5	Ethyl Acetate	
Mineral Spirits	5	Acid	5
Xylene	4	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) 280°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	6.0 - 8.0
Specific Surface Area (m²/g)		Specific Gravity	1.6
Oil Absorption (g/100g)	36 - 43	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	■	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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