



1146 Naphthol Red 146

Description: 1146 is a blue shade semi-transparent naphthol red with good overall fastness properties. 1146 is a possible alternative to Pigment Red 57:1 types where an improvement in fastness properties is needed.

Chemical Type	Naphthol Red	Constitution No.	12485
Color Index	Pigment Red 146	CAS No.	5280-68-2

Resistance Properties

MEK	3 - 4	Ethanol	4 - 5
Water	5	Ethyl Acetate	5
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)		Lightfastness (1-8): Masstone	5
Heat Stability (°C/°F)	200°C (Paints) 199°C (Inks)	Lightfastness (1-8): Tint 1:10	4 - 5
Warpage Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	
Overpaint Resistance * Paints Only		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 - 6.5
Specific Surface Area (m²/g)		Specific Gravity	1.4
Oil Absorption (g/100g)	55 - 65	Bulk Density (kg/L)	
Moisture Content (%)	≤ 1.0%	Bulk Volume (L/kg)	

Applications

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

Not Frequently Used Limited Recommended

Comments:

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