DCL-1146 Naphthol Red, PR.146

Description: DCL-1146 is a blue shade semi-transparent naphthol red with good overall fastness properties. DCL-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 (m^2/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	☐	**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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