DCL-1812 Naphthol Red, PR.112

Description: DCL-1812 is a deep shade red naphthol with very good lightfastness even in medium shades. DCL-1812 is somewhat sensitive to blooming at very low concentrations.

Chemical Type	Naphthol Red	**Constitution No.**	12370
Color Index	Pigment Red 112	**CAS No.**	6535-46-2

Resistance Properties

MEK	2 - 3	**Ethanol**	3 - 4
Water	5	**Ethyl Acetate**	4
Mineral Spirits	4	**Acid**	5
Xylene	2 - 3	**Alkali**	5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Migration (1-5)		**Lightfastness (1-8): Masstone**	7 - 8
Heat Stability (°C/°F)	180°C (Paints)	**Lightfastness (1-8): Tint 1:10**	6
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**	5.5 - 7.0
Specific Surface Area (m^2/g)		**Specific Gravity**	1.5
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**	■	**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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