DCL-1370 Naphthol Red YS, PR.170

Description: DCL-1370 is a very bright, yellow shade naphthol red with very good lightfastness, opacity, flow properties and chemical resistance. The shade of DCL-1370 is yellower and more opaque compared to that of DCL-1970A.

Chemical Type	Naphthol Red	**Constitution No.**	12475
Color Index	Pigment Red 170	**CAS No.**	2786-76-7

Resistance Properties

MEK	4	**Ethanol**	4 - 5
Water	5	**Ethyl Acetate**	5
Mineral Spirits	5	**Acid**	5
Xylene	4 - 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**	7
Heat Stability (°C/°F)	200°C (Paints) 250°C (HDPE)	**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**	6.0 - 7.5
Specific Surface Area (m^2/g)		**Specific Gravity**	1.4
Oil Absorption (g/100g)	35 - 40	**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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