DCL-PR-221 Metal Azo Red, PR.48:1

Description: DCL-PR-221 is an opaque, yellow shade 2B Red offering excellent color intensity and heat stability. DCL-PR-221 is yellower in shade than our 1480.

Chemical Type	2B Red	**Constitution No.**	15865:1
Color Index	Pigment Red 48:1	**CAS No.**	7585-41-3

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		**Lightfastness (1-8): Masstone**	3 - 4
Heat Stability (°C/°F)	177°C (Inks) 246°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	3
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**	7.0 - 9.0
Specific Surface Area (m^2/g)		**Specific Gravity**	1.7
Oil Absorption (g/100g)	38 - 43	**Bulk Density (kg/L)**	
Moisture Content (%)	<2.0%	**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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