DCL-1403B Metal Azo Red, PR.48:3

Description: DCL-1403B is a yellow shade Red 48:3. It is an alternative to Barium Lithol pigments with good wax bleed resistance. DCL-1403B is yellower than Red 48:2.

Chemical Type	2B Red	**Constitution No.**	15865:3
Color Index	Pigment Red 48:3	**CAS No.**	15782-05-5

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		**Lightfastness (1-8): Masstone**	6
Heat Stability (°C/°F)	190°C (Inks) 240°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	4
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 - 7.5
Specific Surface Area (m^2/g)		**Specific Gravity**	1.7
Oil Absorption (g/100g)	43 - 53	**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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