DCL-2183-A Metal Azo Yellow, PY.183

Description: DCL-2183-A is a non-warping red shade yellow with excellent heat stability recommended for plastic applications. FDA approved (Section 178.3297).

Chemical Type	Azo Yellow	**Constitution No.**	18792
Color Index	Pigment Yellow 183	**CAS No.**	65212-77-3

Resistance Properties

MEK	5	**Ethanol**	5
Water	5	**Ethyl Acetate**	4 - 5
Mineral Spirits	5	**Acid**	5
Xylene	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**	8
Heat Stability (°C/°F)	299°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	5
Warpage Rating (1-3) * Plastic Only	1	**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- 7.5
Specific Surface Area (m^2/g)		**Specific Gravity**	1.8
Oil Absorption (g/100g)		**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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