DCL-1462F Metal Azo Yellow, PY.62

Description: DCL-1462F is a FDA compliant mid shade yellow pigment for use in food packaging applications.

Chemical Type	Monoazo	**Constitution No.**	13940
Color Index	Pigment Yellow 62	**CAS No.**	12286-66-7

Resistance Properties

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

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)	240°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	4
Warpage Rating (1-3) * Plastic Only	2	**Weatherfastness (1-5): Masstone**	5
Overpaint Resistance * Paints Only		**Weatherfastness (1-5): Tint 1:10**	2

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**	5.5-8.5
Specific Surface Area (m^2/g)		**Specific Gravity**	1.6
Oil Absorption (g/100g)	51	**Bulk Density (kg/L)**	
Moisture Content (%)	<3.0%	**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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