DCL-1364 Metal Azo Yellow, PY.62

Description: DCL-1364 is a medium to red shade yellow pigment for use in various plastics applications. DCL-1364 can be used as a heavy metal free alternate to PY.34

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

Resistance Properties

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

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**	1

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**	1.5
Oil Absorption (g/100g)	44	**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:

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.