DCL-2155 Disazo Yellow, PY.155

Description: DCL-2155 is an economical green shade yellow pigment with high tint strength, moderate bleed characteristics and excellent lightfastness properties.

Chemical Type	Disazo	**Constitution No.**	200310
Color Index	Pigment Yellow 155	**CAS No.**	68516-73-4

Resistance Properties

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

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

Product Characteristics

Migration (1-5)		**Lightfastness (1-8): Masstone**	8
Heat Stability (°C/°F)	260°C (HDPE)	**Lightfastness (1-8): Tint 1:10**	7 - 8
Warpage Rating (1-3) * Plastic Only	3	**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 - 7.0
Specific Surface Area (m^2/g)		**Specific Gravity**	1.40
Oil Absorption (g/100g)	65 - 75	**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	☐	**Coil**	☐	**Offset**	◘		
Fiber	■						

☐ Not Frequently Used ◘ Limited ■ Recommended

Comments:

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