DCL- PY-126 Diarylide Yellow, PY.13

Description: DCL-PY-126 is a semi-opaque diarylide pigment offering good tinting strength. DCL-PY-126 is recommended primarily for UV inks and also finds use in solvent and water based packaging gravure and flexographic printing inks.

Chemical Type	Diarylide Yellow	**Constitution No.**	21100
Color Index	Pigment Yellow 13	**CAS No.**	5102-83-0

Resistance Properties

MEK	4 - 5	**Ethanol**	5
Water	5	**Ethyl Acetate**	5
Mineral Spirits	4 - 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**	5
Heat Stability (°C/°F)	177°C (Inks) 199°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**	5.0 - 7.5
Specific Surface Area (m^2/g)		**Specific Gravity**	0.0
Oil Absorption (g/100g)	49	**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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