



DCL Yellow 7151

Description: DCC Yellow 7151 is a high-performance green shade yellow pigment for use in high-end coatings applications where excellent weatherfastness is required. It is also recommended for various plastic applications.

Chemical Type	Benzimidazolone Yellow	Constitution No.	13980
Color Index	Pigment Yellow 151	CAS No.	31837-42-0

Resistance Properties

MEK	5	Ethanol	4
Water	5	Ethyl Acetate	5
Mineral Spirits	5	Acid	4
Xylene	5	Alkali	1

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)	200°C (Paints) 280°C (HDPE)	Lightfastness (1-8): Tint 1:10	7-8
Warpage Rating (1-3) * Plastic Only	2	Weatherfastness (1-5): Masstone	5
Overpaint Resistance * Paints Only	5	Weatherfastness (1-5): Tint 1:10	4-5

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 (m²/g)		Specific Gravity	1.5
Oil Absorption (g/100g)	33	Bulk Density (kg/L)	
Moisture Content (%)	<1.0%	Bulk Volume (L/kg)	

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative	■	Water Flexo	<input type="checkbox"/>	Paper	
PE	■	Automotive/Aerospace	■	Solvent Flexo	<input type="checkbox"/>	Rubber	
PP	■	Industrial	■	InkJet	<input type="checkbox"/>	Finger Paints	
PS	■	Powder	■	UV	<input type="checkbox"/>	Seed Coatings	
PET	<input type="checkbox"/>			Offset	<input type="checkbox"/>		
Fiber	<input type="checkbox"/>						

Not Frequently Used Limited Recommended

Comments:

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