

DCC Yellow 5RLM

Description: DCC Yellow 5RLM is a mid shade yellow pigment with excellent durability properties. DCC Yellow 5RLM exhibits high saturation, high opacity and is recommended for use in high-grade industrial and automotive paints.

Chemical Type	Hybrid	Constitution No.	771740
Color Index	PY.184	CAS No.	14059-33-7

Resistance Properties

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

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

Product Characteristics

Migration (1-5)	5	Lightfastness (1-8): Masstone	8
Heat Stability (°C/°F)	200°C (Paints) 270°C (HDPE)	Lightfastness (1-8): Tint 1:10	8
Warpage Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	4 - 5
Overpaint Resistance * Paints Only	5	Weatherfastness (1-5): Tint 1:10	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=VG, 8=Excellent

Physical Properties

Particle Size (µm)	-	pH	6.8 - 7.8
Specific Surface Area (m²/g)	11.8	Specific Gravity	4.9
Oil Absorption (g/100g)	28	Bulk Density (kg/L)	0.5
Volatile Content (%)	< 1.0	Bulk Volume (L/kg)	1.9

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			
Fibre	○						

○ Not Frequently Used

○ Limited

● Recommended

Comments:

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