

DCC Yellow 5RLT

Description: DCC Yellow 5RLT is a bright mid shade yellow pigment with high colour strength. DCC Yellow 5RLT exhibits very good weather fastness and is especially developed for use in road marking paint and especially hot melt. DCC Yellow 5RLT demonstrates also excellent properties in polyolefins.

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

Resistance Properties

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

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

Product Characteristics

Migration (1-5)	5	Lightfastness (1-8): Masstone	
Heat Stability (°C/°F)	200°C (Paints) 300°C (HDPE)	Lightfastness (1-8): Tint 1:10	
Warpage Rating (1-3) * Plastic Only	1	Weatherfastness (1-5): Masstone	4
Overpaint Resistance * Paints Only	5	Weatherfastness (1-5): Tint 1:10	3-4

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	6.0 - 8.0
Specific Surface Area (m²/g)		Specific Gravity	2.2
Oil Absorption (g/100g)	28	Bulk Density (kg/L)	0.4
Volatile Content (%)	< 2.0	Bulk Volume (L/kg)	1.8

Applications

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

Not Frequently Used

Limited

Recommended

Comments:

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