

DCC Yellow 4GMX

Description: DCC Yellow 4GMX is a very green shade yellow pigment with the highest colour strength, gloss and opacity versus traditional grades and with very good durability properties. DCC Yellow 4GMX is especially suitable for industrial and decorative paint applications.

Chemical Type	Bismuth Vanadate	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)	Lightfastness (1-8): Tint 1:10	8
Warpage Rating (1-3) * Plastic Only	1	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	6.0 - 8.0
Specific Surface Area (m²/g)	10.4	Specific Gravity	6.2
Oil Absorption (g/100g)	29	Bulk Density (kg/L)	0.5
Volatile Content (%)	< 1.0	Bulk Volume (L/kg)	1.6

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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