

DCC Yellow 3GMX

Description: DCC Yellow 3GMX is a bright, green shade yellow pigment with the highest colour strength, gloss and opacity versus traditional grades and with very good durability properties. DCC Yellow 3GMX is especially suitable for industrial and decorative paint applications and can also be used in automotive paint.

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) 260°C (HDPE)	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	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=VG, 8=Excellent

Physical Properties

Particle Size (µm)	0.46	pH	6.0 - 8.0
Specific Surface Area (m²/g)	9.6	Specific Gravity	6
Oil Absorption (g/100g)	28	Bulk Density (kg/L)	0.5
Volatile Content (%)	< 1.0	Bulk Volume (L/kg)	1.4

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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