

DCC Yellow 3GMXA

Description: DCC Yellow 3GMXA is a green shade yellow pigment from the new generation with excellent alkaline stability, weather fastness, heat stability, high saturation and high opacity. It gives the best combination of high colour strength and alkaline stability and is especially developed for high alkaline substrates and alkaline containing systems like silicate plasters and stuccos.

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
Xylene	5	Alkali	5

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

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	
Heat Stability (°C/°F)	200°C (Paints)	Lightfastness (1-8): Tint 1:10	
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	6.0 - 9.0
Specific Surface Area (m²/g)		Specific Gravity	4.9
Oil Absorption (g/100g)	16	Bulk Density (kg/L)	0.5
Volatile Content (%)	< 2.0	Bulk Volume (L/kg)	2

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

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