DCL Yellow 184 3GMXA

Description: DCL Yellow 184 3GMXA is a green shade yellow pigment from the new generation with excellent alkaline stability, weather fastness, heat stability, high saturation and high opacity. DCL Yellow 184 3GMXA 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)**	-
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=Very Good, 8=Excellent

Physical Properties

Particle Size (µm)	-	**pH**	6.0 – 9.0
Specific Surface Area (m^2/g)	-	**Specific Gravity**	4.9
Oil Absorption (g/100g)	16	**Bulk Density (kg/L)**	0.5
Volatile Content (%)	< 1.0	**Bulk Volume (L/kg)**	2.0

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**	□	**Cementitious**	□
Fiber	□						

□ Not Frequently Used ◘ Limited ■ Recommended

Comments:

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.

Version Jun 2026