DCL Yellow 184 2GTS

Description: DCL Yellow 184 2GTS is a clean green shade yellow plastic grade pigment with high colour strength and saturation. DCL Yellow 184 2GTS is particularly suitable for use in polyamide and engineering plastics due to excellent heat stability.

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)	285 °C (HDPE) 320 °C (PA)	**Lightfastness (1-8)**	8
Warpage Rating (1-3) * Plastic Only		**Weatherfastness (1-5): Masstone**	4-5
Overpaint Resistance * Paints Only		**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**	-
Specific Surface Area (m^2/g)		**Specific Gravity**	3.9
Oil Absorption (g/100g)	32	**Bulk Density (kg/L)**	0.8
Volatile Content (%)		**Bulk Volume (L/kg)**	1.3

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:

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