

## DCC Yellow 2GTS

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

<b>Chemical Type</b>	Bismuth Vanadate	<b>Constitution No.</b>	771740
<b>Color Index</b>	PY.184	<b>CAS No.</b>	14059-33-7

### Resistance Properties

<b>MEK</b>	5	<b>Ethanol</b>	5
<b>Water</b>	5	<b>Ethyl Acetate</b>	5
<b>Mineral Spirits</b>	5	<b>Acid</b>	4 - 5
<b>Xylene</b>	5	<b>Alkali</b>	5

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

### Product Characteristics

<b>Migration (1-5)</b>	5	<b>Lightfastness (1-8): Masstone</b>	8
<b>Heat Stability (°C/°F)</b>	285°C (HDPE) 320°C (PA)	<b>Lightfastness (1-8): Tint 1:10</b>	8
<b>Warpage Rating (1-3) * Plastic Only</b>	1	<b>Weatherfastness (1-5): Masstone</b>	4 - 5
<b>Overpaint Resistance * Paints Only</b>		<b>Weatherfastness (1-5): Tint 1:10</b>	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

<b>Particle Size (µm)</b>	-	<b>pH</b>	
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	3.9
<b>Oil Absorption (g/100g)</b>	32	<b>Bulk Density (kg/L)</b>	0.8
<b>Volatile Content (%)</b>		<b>Bulk Volume (L/kg)</b>	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			
Fibre	○						

○ Not Frequently Used

○ Limited

● Recommended

#### Comments:

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