

DCC YELLOW 2GTA

Bright Green Shade Yellow Inorganic Bismuth Vanadate Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION	
DCC Yellow 2GTA is a green shade yellow pigment with excellent alkaline stability, weather fastness, heat stability, high saturation, high opacity and good flow properties. DCC Yellow 2GTA is recommended for high alkaline substrates and containing systems.	

Chemical Type/Common Name	Inorganic / Bismuth Vanadate
Colour Index: Generic Name	Pigment Yellow 184
Colour Index: Constitution No.	771740
CAS Registry No.	14059-33-7
Chemical Name	Bismuth Vanadium Oxide

GENERAL SPECIFICATIONS	
Volatile Content (X005)	Max. 1.0%
Conductivity (X017)	Max. 500 (µS/cm)
pH (X018)	6.0 – 9.0
Masstone Shade (L003)	Max. DE* 1.3, DL* ±0.7, DC* ±0.8, DH*±0.7
Tint (L003)	Strength 100 ± 5%
Tint after adjusted strength (L003)	Max. DE* 1.3, DL* ±0.7, DC* ±0.8, DH* ±0.7

PHYSICAL PROPERTIES	
Specific gravity	5.0 g/cm ³
Oil absorption	33 g/100g
Bulk density	0.6 kg/L
Bulk volume	1.6 L/kg
Specific surface area	9.7 m ² /g

PROPERTIES					
Ethyl acetate	Excellent	Acetone	Excellent		
MEK	Excellent	Ethyl alcohol	Excellent		
Toluene	Excellent	Mineral spirits	Excellent		
Water	Excellent	Xylene	Excellent		
Over-paint bleed resistance (120°C/30 minutes)	Excellent	DBP	Excellent		
Dilute acid (0.5N)	Good	Dilute alkali (2.5%)	Excellent		
Heat Resistance: 120°C/60 minutes – Excellent 150°C/10 minutes – Excellent 200°C/10 minutes – Excellent					
Weather fastness*) Full Shade	4-5	Weather fastness*) Tint 1:1 TiO2	5	Weather fastness*) Tint 1:10 TiO2	5

*) Assessment was made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)

RECOMMENDED APPLICATIONS FOR COATINGS					
Architectural Water & Universal	●	Coil Coatings	●		
Architectural Solvent	●	Automotive Coatings	■		
Industrial Fast Air Drying	●	Powder Coatings	●		
Industrial Oven Cured	●				
● Recommended ■ Limited Use ○ Not Recommended					

WORLDWIDE INVENTORIES REGISTRATION STATUS					
Australia (AICS)	Registered	Canada (DSL)	Registered	China (IECSC)	Registered
Europe (EINECS)	Registered	Japan (ENCS)	Registered	Philippines (PICCS)	Registered
USA (TSCA)	Registered	New Zealand (NZIoC)	Registered	South Korea (KECI)	Registered

TECHNICAL SERVICE LAB APPROVAL			
QUALITY CONTROL LAB APPROVAL			
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