

# DCC YELLOW RMX

Bright Lemon Shade Yellow Inorganic Bismuth Vanadate Pigment



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Yellow RMX is a bright lemon shade yellow pigment with high colour strength and excellent opacity. DCC Yellow RMX exhibits very good weather fastness and is used primarily in industrial and decorative paint applications. DCC Yellow RMX allows much cleaner shades and/or lower formulation costs

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

### GENERAL SPECIFICATIONS

<b>Volatile Content (X005)</b>	Max. 1.0%
<b>Conductivity (X017)</b>	Max. 500 µs/cm
<b>pH (X018)</b>	6.0 - 8.0
<b>Masstone Shade (L003)</b>	Max. DE* 1.3, DL* ±0.7, DC* ±0.8, DH* ±0.7
<b>Tint (L003)</b>	Strength 100 ±5%, Max. DE* 1.3, DL* ±0.7, DC* ±0.8, DH* ±0.7
<b>Tint after Strength Adjustment (L003)</b>	Max. DE* 1.3, DL* ±0.7, DC* ±0.8, DH* ±0.7

### PHYSICAL PROPERTIES

<b>Specific gravity</b>	5.9 g/cm <sup>3</sup>
<b>Oil Absorption</b>	24 g/100g
<b>Bulk density</b>	0.6 kg/L
<b>Bulk volume</b>	1.8 L/kg
<b>Specific surface area</b>	- - m <sup>2</sup> /g

### PROPERTIES

<b>Ethyl acetate</b>	Excellent	<b>Soap</b>	Excellent		
<b>MEK</b>	Excellent	<b>Ethyl alcohol</b>	Excellent		
<b>Wax (Paraffin)</b>	Excellent	<b>Mineral spirits</b>	Excellent		
<b>Water</b>	Excellent	<b>Xylene</b>	Excellent		
<b>Dilute acid (0.5N)</b>	Very Good - Excellent	<b>Dilute alkali (2.5%)</b>	Excellent		
<b>Over-paint bleed resistance (120°C/30 minutes)</b>	Excellent				
<b>Heat Resistance:</b>	120°C/60 minutes – Excellent	150°C/10 minutes – Excellent	200°C/10 minutes – Excellent		
<b>Weather fastness Full Shade</b>	4 - 5	<b>Weather fastness 1/3 Standard Depth</b>	5	<b>Weather fastness 1/25 Standard Depth</b>	5
<b>Light fastness Full Shade</b>	Excellent	<b>Light fastness 1/3 Standard Depth</b>	Excellent	<b>Light fastness 1/25 Standard Depth</b>	Excellent

### RECOMMENDED APPLICATIONS FOR COATINGS

<b>Architectural Water &amp; Universal</b>	●	<b>Coil Coatings</b>	●
<b>Architectural Solvent</b>	●	<b>Automotive Coatings</b>	●
<b>Industrial Fast Air Drying</b>	●	<b>Powder Coatings</b>	●
<b>Industrial Oven Cured</b>	●		
● Recommended      ■ Limited Use      ○ Not Recommended			

### WORLDWIDE INVENTORIES REGISTRATION STATUS

<b>Australia (AICS)</b>	Registered	<b>Canada (DSL)</b>	Registered	<b>China (IECSC)</b>	Registered
<b>Europe (EINECS)</b>	Registered	<b>Japan (ENCS)</b>	Registered	<b>Philippines (PICCS)</b>	Registered
<b>USA (TSCA)</b>	Registered	<b>New Zealand (NZIoC)</b>	Registered	<b>South Korea (KECI)</b>	Registered

<b>TECHNICAL SERVICE LAB APPROVAL</b>			
<b>QUALITY CONTROL LAB APPROVAL</b>			
<b>DATE OF ISSUE</b>	5 <sup>th</sup> January 2014	<b>PAGE 1 OF 1</b>	Ver. # 0.0