

# DCC YELLOW RMXS

**Lemon Shade Yellow Inorganic  
Bismuth Vanadate Pigment**



## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Yellow RMXS is a bright lemon shade yellow pigment with high colour strength and excellent opacity. DCC Yellow RMXS exhibits very good weather fastness and is used primarily in industrial and decorative paint applications. DCC Yellow RMXS 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>Masstone Shade (L003)</b>	Max. DE* 1.3
<b>Tint (L003)</b>	Strength 100 ±5%
<b>Tint after Strength Adjustment (L003)</b>	Max. DE* 1.3

### PHYSICAL PROPERTIES

<b>Specific gravity</b>	5.81 g/cm <sup>3</sup>
<b>Oil Absorption</b>	34 g/100g
<b>Bulk density</b>	0.6 kg/L
<b>Bulk volume</b>	1.7 L/kg

### 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<sup>*)</sup> Full Shade</b>	4-5	<b>Weather fastness<sup>*)</sup> Tint 1:1 TiO<sub>2</sub></b>	5	<b>Weather fastness<sup>*)</sup> Tint 1:10 TiO<sub>2</sub></b>	5
<b>Light fastness Full Shade</b>	Excellent	<b>Light fastness Tint 1:1 TiO<sub>2</sub></b>	Excellent	<b>Light fastness Tint 1:10 TiO<sub>2</sub></b>	Excellent

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

### 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

<b>TECHNICAL SERVICE LAB APPROVAL</b>			
<b>QUALITY CONTROL LAB APPROVAL</b>			
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