

# DCC YELLOW 5020

Medium Chrome Yellow Pigment



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Yellow 5020 is a SO<sub>2</sub> resistant medium chrome yellow pigment with easy dispersing properties.

<b>Chemical Type/Common Name</b>	Inorganic/Medium Chrome Yellow
<b>Colour Index: Generic Name</b>	Pigment Yellow 34
<b>Colour Index: Constitution No.</b>	77603
<b>CAS Registry No.</b>	1344-37-2
<b>Chemical Name</b>	Co-precipitate of lead chromate and lead sulphate.

### SPECIFICATIONS

<b>Masstone Shade</b>	Max. Delta E* 1.0 of Standard (DCC TM 1207-Paint) Delta L* & a* -0.50/+0.50, Db* -0.80/+0.80
<b>Tint Hue</b>	Max. Delta E* 1.0 of Standard (DCC TM 1207-Paint) Delta L* & a* -0.50/+0.50, Db* -0.80/+0.80
<b>Tint Strength (apparent)</b>	± 5% of Standard (DCC TM 1207-Paint)
Shade & strength determinations are made with the aid of a MacBeth Colour Computer, under the following conditions: CIELAB, 10 degree observer, D65 light source, UV & gloss included.	
<b>Note:</b> Test Methods available from DCC on request.	

### PHYSICAL PROPERTIES

<b>Specific Gravity</b>	5.3	(DCC TM 3101B)
<b>Oil Absorption</b>	22	(ASTM D-281-84- Fasig Method)
<b>Moisture</b>	<1.0%	(ASTM D-280-81)
<b>Soluble Lead</b>	<1.0%	ISO 3711
<b>Dispersibility</b>	6¼ N.S. min.	TM 1105 M.O.A.

### PROPERTIES

<b>Ethyl Acetate</b>	Excellent	<b>D.B.P.</b>	Excellent
<b>Glycol</b>	Excellent	<b>Ethyl Alcohol</b>	Excellent
<b>MEK</b>	Excellent	<b>Linseed Oil</b>	Excellent
<b>Wax (Paraffin)</b>	Excellent	<b>Mineral Spirits</b>	Excellent
<b>Water</b>	Excellent	<b>Xylene</b>	Excellent
<b>Soap</b>	Very Good	<b>Detergent</b>	Poor
<b>Dilute Acid</b>	Excellent	<b>Dilute Alkali</b>	Fair
<b>Heat Resistance (Paints)</b>	120°C/45 minutes – Excellent		
<b>Heat Stability (Plastics)</b>	Heat Stable to 250°C+ (482°F+), 5-minute dwell time, 2% pigmented H.D.P.E.		
<b>Weatherfastness (Paint) Full Strength (Florida-1yr)</b>	Very Good	<b>Weatherfastness (Paint) Tint (Florida-1yr)</b>	Excellent

### 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

### TECHNICAL SERVICE LAB APPROVAL

### QUALITY CONTROL LAB APPROVAL

<b>DATE OF ISSUE</b>	9 <sup>th</sup> May 2011	<b>PAGE 1 OF 1</b>	Ver. #0.0
----------------------	--------------------------	--------------------	-----------