

# DCC YELLOW 1036

Lemon Chrome Yellow Pigment



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Yellow 1036 is a standard lemon chrome yellow pigment with stir in properties used in plastic and coating applications.

<b>Chemical Type/Common Name</b>	Inorganic/Lemon 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* 1.5 of Standard (TM 4129)
<b>Tint Strength (apparent)</b>	±5% of Standard (TM 4129)
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.	

### PHYSICAL PROPERTIES

<b>Specific Gravity</b>	5.07	(DCC TM 3101B)
<b>Oil Absorption</b>	17	(ASTM D-281-84- Fasig Method)
<b>Moisture</b>	<1.0%	(ASTM D-280-81)
<b>Dispersibility</b>	6¼ NS min.	(TM 1105 - MOA)

### 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>Dilute Acid</b>	Excellent	<b>Dilute Alkali</b>	Poor
<b>Heat Resistance (Paints)</b>	180°C (392°F) /10 minutes		
<b>Heat Stability (Plastics)</b>	240°C+ (464°F+), 5-minute dwell time, 1:3 SD / H.D.P.E.		
<b>Weatherfastness *) Full Shade</b>	2	<b>Weatherfastness *) 1:10 Tint</b>	4
<b>Lightfastness Full Shade</b>	Poor	<b>Lightfastness 1:10 Tint</b>	Very Good

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

### 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>	30 <sup>th</sup> April 2015	<b>PAGE 1 OF 1</b>	Ver. #8.0
----------------------	-----------------------------	--------------------	-----------