

DCC YELLOW 1012

Medium Chrome Yellow Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Yellow 1012 is a standard medium chrome yellow pigment with stir in properties used for various applications.

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

SPECIFICATIONS

Masstone Shade	Max. Delta E* 1.5 of Standard (TM 4129)
Tint Strength (apparent)	±5% of Standard (TM 4129)
Dispersion (Screen Pack Pressure for Fibre Applications)*	Max. 35 bar (TM 4238)
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.	
* Note – Customer specific requirement.	

PHYSICAL PROPERTIES

Specific Gravity	5.22	(DCC TM 3101B)
Oil Absorption	16	(ASTM D-281-84- Fasig Method)
Moisture	<1.0%	(ASTM D-280-81)
Dispersibility	6% NS min.	(TM 1105)

PROPERTIES

Ethyl Acetate	Excellent	D.B.P.	Excellent
Glycol	Excellent	Ethyl Alcohol	Excellent
MEK	Excellent	Linseed Oil	Excellent
Wax (Paraffin)	Excellent	Mineral Spirits	Excellent
Water	Excellent	Xylene	Excellent
Dilute Acid	Excellent	Dilute Alkali	Poor
Heat Resistance (Paints)	200°C (392°F) /10 minutes		
Heat Stability (Plastics)	240°C+ (464°F+), 5-minute dwell time, 1:3 SD / H.D.P.E.		
Weatherfastness *)		Weatherfastness *)	
Full Shade (Florida – 1 yr)	2	1:10 Tint (Florida – 1yr)	4
Lightfastness		Lightfastness	
Full Shade	Poor	1:10 Tint	Very Good

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

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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