

DCC YELLOW 1364

Medium Shade Yellow Calcium Azo Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Yellow 1364 is a medium to red shade yellow pigment for use in various plastics applications where very good dispersion, weatherfastness and heat stability are required. It can be used as a heavy metal free alternate to Medium Chrome Yellows.

Chemical Type/Common Name	Organic / Monoazo
Colour Index: Generic Name	Pigment Yellow 62
Colour Index: Constitution No.	13940
CAS Registry No.	12286-66-7
Chemical Name	4-[[1-[[[(2-methylphenyl) amino] carbonyl]-2-oxopropyl] azo]-3-nitro-Benzene sulfonic acid, calcium salt (2:1)

SPECIFICATIONS

Masstone Shade	Max. Delta E* 2.0 of Standard (DCC TM 4229)
Tint Strength (apparent)	± 5% of Standard (DCC TM 4229)
Filter Pressure Value	± 10 Bar of Standard (DCC TM 4236)

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: Test Methods available from DCC on request.

PHYSICAL PROPERTIES

Specific Gravity	1.50 g/cc (DCC TM 3101B)
Oil Absorption	44 (ASTM D-281-84- Fasig Method)
Moisture	<2.0% max. (ASTM D-280-81)
% Halogen Content	Halogen Free

PROPERTIES

MEK	Fair	Linseed oil	Very Good
Wax (Paraffin)	Excellent	Mineral Spirits	Very Good
Water	Very Good	Xylene	Fair
Dilute Acid	Fair	Dilute Alkali	Fair
Heat Stability:	Heat Stable to 240°C (464°F), 5-minute dwell time, 1% pigmented H.D.P.E.		
Warp Resistance:	2 (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)		
Weatherfastness Full Strength (Florida)	Excellent	Weatherfastness TiO₂ Tint (1:10) (Florida)	Poor

RECOMMENDED APPLICATIONS

Fibres – Polypropylene	●	Injection Molding	●
Film	●	PVC Wire and Cable	●
Blow Molding	●	Engineering Resins	○

● Frequently used ■ Limited Use ○ Not Normally Used

COMPLIANCE

USA: ASTM-Toys	EU APME: AP (89)1	European Toy Norm: 71-3-1994	EU RoHS	Germany: BfR	CONEG	French Positive List
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WORLDWIDE INVENTORIES REGISTRATION STATUS

Australia (AICS)	Registered	Canada (DSL)	Registered	China	Registered
Europe (EINECS)	Registered	Japan	Registered	Philippines	Registered
USA (TSCA)	Registered	New Zealand	Registered	South Korea	Registered

TECHNICAL SERVICE LAB APPROVAL

QUALITY CONTROL LAB APPROVAL

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