

# DCC YELLOW 1368P

Green Shade Yellow Pigment



Working Together for Quality®

## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Yellow 1368P is a green shade yellow pigment for use in various plastics applications where very good dispersion is required. It can be used as a heavy metal free alternative to Lemon Chrome Yellow.

<b>Chemical Type/Common Name</b>	Organic / Calcium Monoazo
<b>Colour Index: Generic Name</b>	Pigment Yellow 168
<b>Colour Index: Constitution No.</b>	13960
<b>CAS Registry No.</b>	71832-85-4
<b>Chemical Name</b>	Benzenesulfonic acid, 4-[[1-[[[(2-chlorophenyl) amino] carbonyl]-2-oxopropyl] azo]-3-nitro-, calcium salt (2:1)

### SPECIFICATIONS

<b>Masstone Shade</b>	Max. Delta E* 2.0 of Standard (DCC TM 4205A)
<b>Tint Strength (apparent)</b>	± 5% of Standard (DCC TM 4205A)
<b>Filter Pressure Value</b>	± 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.

### PHYSICAL PROPERTIES

<b>Specific Gravity</b>	1.50 (DCC TM 3101B)
<b>Oil Absorption</b>	51 (ASTM D-281-84- Fasig Method)
<b>Moisture</b>	<2.0% max. (ASTM D-280-81)

### PROPERTIES

<b>MEK</b>	Very Good	<b>Linseed oil</b>	Good
<b>Wax (Paraffin)</b>	Excellent	<b>Mineral Spirits</b>	Very Good
<b>Water</b>	Very Good	<b>Xylene</b>	Fair
<b>Dilute Acid</b>	Very Good	<b>Dilute Alkali</b>	Very Good
<b>Heat Stability:</b>	Heat Stable to 260°C (500°F), 5-minute dwell time, 1% pigmented H.D.P.E.		
<b>Warp Resistance:</b>	TBD (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)		
<b>Lightfastness *) Full Strength</b>	7	<b>Lightfastness *) TiO<sub>2</sub> Tint (1:10)</b>	6-7

\*) Assessment was made using the blue wool scale (1 = severe change, 8= no change)

### RECOMMENDED APPLICATIONS

<b>Fibres – polypropylene</b>	●	<b>Injection molding</b>	●
<b>Film</b>	●	<b>PVC Wire and Cable</b>	●
<b>Blow molding</b>	●	<b>Engineering Resins</b>	○

● Frequently used      ■ Limited Use      ○ Not Normally Used

### COMPLIANCE

<b>USA:</b> ASTM-Toys	<b>EU APME:</b> AP (89)1	<b>European Toy Norm:</b> 71-3-1994	<b>EU RoHS</b>	<b>Germany:</b> BfR	<b>CONEG</b>	<b>French Positive List</b>
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### 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

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