

# DCC YELLOW 7155

Green Shade Yellow Disazo Pigment



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## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Yellow 7155 is a green shade yellow pigment for use in high-end plastics applications typically fibres and injection molding. DCC Yellow 7155 is a non-DCB replacement for diarylide yellows, stronger alternative to metal azos and a lead chrome alternative.

<b>Chemical Type/Common Name</b>	Organic/ Disazo
<b>Colour Index: Generic Name</b>	Pigment Yellow 155
<b>Colour Index: Constitution No.</b>	200310
<b>CAS Registry No.</b>	68516-73-4
<b>Chemical Name</b>	1, 4-Benzenedicarboxylic acid, 2,2'-(1,4-phenylenebis[mino (1-acetyl 2-oxo-2,1-ethanediyl)]bis-, tetramethyl ester

### SPECIFICATIONS

<b>Tint Hue</b>	Max. Delta E* 1.5 of Standard (DCC TM 4131)
<b>Tint Strength</b>	± 5% of Standard (DCC TM 4131)
<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.

**Note:** Test Methods available from DCC on request.

### PHYSICAL PROPERTIES

<b>Specific Gravity</b>	1.50 g/cc (DCC TM 3101B)
<b>Oil Absorption</b>	67 (ASTM D-281-84- Fasig Method)
<b>Moisture</b>	<2.0% max. (ASTM D-280-81)
<b>% Halogen Content</b>	Halogen Free

### PROPERTIES

<b>MEK</b>	Good	<b>Linseed oil</b>	Excellent
<b>Wax (Paraffin)</b>	Excellent	<b>Mineral Spirits</b>	Excellent
<b>Water</b>	Excellent	<b>Xylene</b>	Very Good
<b>Dilute Acid</b>	Excellent	<b>Dilute Alkali</b>	Excellent
<b>Heat Stability:</b>	Heat Stable to 260°C+ (500°F+), 5-minute dwell time, 0.2% pigmented H.D.P.E. (1:10 TiO <sub>2</sub> tint)		
<b>Warp Resistance:</b>	3 (1 = Minimal Warpage, 2 = Some Warpage, 3 = Not Recommended)		
<b>Weatherfastness Full Strength (Florida)</b>	Excellent	<b>Weatherfastness TiO<sub>2</sub> Tint (1:10) (Florida)</b>	Poor

### 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>	• (Polystyrene, ABS)
• Frequently used      ■ Limited Use      ○ Not Normally Used			

### COMPLIANCE

<b>USA:</b> ASTM-Toys	<b>European Toy Norm:</b> 71-3-1994	<b>EU RoHS</b>	<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</b>	Registered
<b>Europe (EINECS)</b>	Registered	<b>Japan</b>	Registered	<b>Philippines</b>	Registered
<b>USA (TSCA)</b>	Registered	<b>New Zealand</b>	Registered	<b>South Korea</b>	Registered

### TECHNICAL SERVICE LAB APPROVAL

### QUALITY CONTROL LAB APPROVAL

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The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in his own laboratory.