



PIGMENT YELLOW 61

DCC 1363

- Clean Green Lemon Shade Yellow for Plastics
- Non-Chlorinated for Halogen Free Applications
- Low Cost Alternative for Lemon Chrome Yellow



Dominion Colour Corporation
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ISO 9001
ISO 14001

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Pigment Yellow 61 - DCC 1363

Product Overview

Chemical Class - Mono Azo Yellow, CAS 12286-65-6

DCC 1363 is a lemon shade calcium azo, similar in shade to Lemon Chrome Yellow for which it is a heavy metal free alternative. It can also be substituted for Diarylide yellows where concerns of processing at temperatures above 200°C exist. DCC 1363 is non-chlorinated so can be used for non-halogenated applications. This product offers excellent dispersibility and good heat stability in fibre, film, blow molding, injection molding, wire and P.V.C. cable applications where temperatures do not exceed 240°C.

Shade Indicator

Greenest

Reddest

DCC 1363 → 1368 → 1364 → 7151 → 7155 → 7183/7183 XS → DCC 7310

This product is supported by

DCC's global distribution network
 DCC's technical service and support
 DCC's commitment to quality products

Key: P = Poor, F = Fair, G = Good, VG = Very Good, E = Excellent Recommendations: 1 = Frequently Used, 2 = Limited Use, 3 = Not normally used. * Weatherometer data

APPLICATIONS	
Fibre	1
Film	1
Blow Molding	1
Injection Molding	1
Wire & Cable (PVC)	1
Engineering Resins	
• ABS	3
• Polyester	3
• Polycarbonate	3
• Polystyrene	3
• Nylon	3

PRODUCT CHARACTERISTICS	
Weatherfastnes	
• Masstone	VG
• Tint	P
Heat Stability (°C)	240
Resistance Properties	
• Acid Resistance	F
• Alkali Resistance	F
• Soap	F
• Organic Solvents	G-F

COMPLIANCE	
Indirect Food Contact	
US:FDA	No
Europe:AP89:1	Yes
French Positive List	Unknown
Toy Compliance	
ASTM	Yes
EN73:1	Yes

Performance Characteristics:

Products		Two Roll in LDPE			Heat Stability in HDPE (1% Pigment)	
Control	Trial	Masstone (1% Pigment)	1:20 TiO ₂ Tint	Film Dispersion	Stable up to °C	Overall 200-280°C
Competitive Grade	DCC 1363	Slightly dirty ΔE* 1.03	12% strong	Superior	240 - 260°C	Similar
DCC 1368	DCC 1363	Deep ΔE* 3.05	1% strong	Similar	240 - 260°C	+Sl. Inferior*

* DCC 1368 heat stable up to 260 – 280°C

The information in this brochure is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern colour reproduction, the shades may vary slightly from the final colour application. Since many variables have a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use.



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