



PIGMENT YELLOW 168

The best plastics are made with the best pigments

DCC 1368

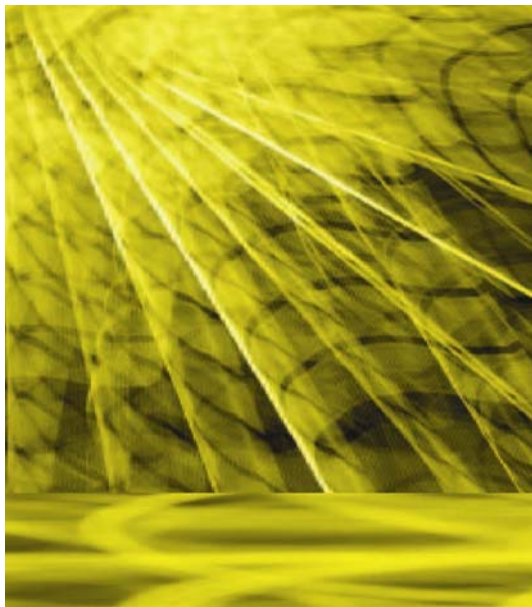
- Clean Green Lemon Shade Yellow for Plastics
- Low Cost Alternative for Lemon Chrome Yellow



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Pigment Yellow 168 - DCC 1368

Product Overview

Chemical Class - Calcium Momo Azo Yellow, CAS #71832-85-4

DCC 1368 is a clean green shade calcium azo pigment and is a suitable alternative for lead chromates and diarylide yellows (superior to competition). This product offers excellent dispersibility, good heat stability and good migration resistance. DCC 1368 is recommended for fibre, film, blow molding, injection molding, P.V.C wire and cable.

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 (polyolefins)	1
Film (polyolefins)	1
Blow Molding (polyolefins)	1
Injection Molding (polyolefins)	1
Wire & Cable (PVC)	1

PRODUCT CHARACTERISTICS	
Shade	Lemon PY.168
Weatherfastness	G F
Heat Stability: 1% pigmentation in HDPE (min@°C)	5@260
Resistance Properties	VG VG VG VG-E

COMPLIANCE	
Indirect Food Contact	
US:FDA	No
Europe: AP (89)1	Yes
French Positive List	Yes
Toy Compliance	
ASTM	Yes
EN 71-3-1994	Yes

Performance Characteristics:

Product	Two Roll in LDPE			PVC		Screen Pack Pressure Test Δ Pressure (bars)
	Masstone (1% Pigment)	1:20 TiO ₂ Tint	Film Dispersion	Masstone (1% Pigment)	1:20 TiO ₂ Tint	
Competitive Grade	Control	Control	Control	Control	Control	150
DCC 1368	Sl. clean & red ΔE* 1.41	Very slightly clean & red hue 2% weak	Slightly superior	Very slightly clean ΔE* 1.80	Very slightly clean & red hue 2% weak	9
DCC 1363	Control	Control	Control	Control	Control	10
DCC 1368	Pale/clean ΔE* 3.62	+sl. Clean hue <1% strong	Very slightly inferior	Pale/clean ΔE* 3.44	+sl. Clean hue, 1% strong	9

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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