



PIGMENT YELLOW 180

The best plastics are made with the best pigments

DCC 7180

- FDA Compliant
- Benzimidazolone Yellow
- Performance with Better Economics



Dominion Colour Corporation
Working Together For Quality

ISO 9001
ISO 14001

www.dominioncolour.com | (416) 791-4200



Pigment Yellow 180 - DCC 7180

Chemical Class

Disazo/Benzimidazolone Yellow
 CAS #77804-81-0
 C.I. PY.180

Product Overview

DCC 7180 is greenish yellow shade with very good heat stability and warp resistance. It is suitable replacement for chrome and diarylide pigments.

Material is in stock and available for sampling.

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.

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

PRODUCT CHARACTERISTICS	
Shade	Green Shade PY.180
Weatherfastness • Masstone • Tint	G P
Heat Stability: 1% pigmentation in HDPE (min@°C)	5@280
Resistance Properties • Acid Resistance • Alkali Resistance • Soap • Organic Solvents	G VG VG E

COMPLIANCE	
Indirect Food Contact	
US:FDA	Yes
Europe: AP (89)1	Yes
French Positive List	Yes
Toy Compliance	
ASTM	Yes
EN 71-3-1994	Yes

Performance Characteristics:

Standard	Trial	Masstone (5% Pigment)	1:3 TiO ₂ Tint	1:10 TiO ₂ Tint	Film Dispersion
Competitive Grade	DCC 7180	Red Shade ΔE*2.81	Similar hue similar strength	Similar hue 1% weak	Comparable

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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