



PIGMENT ORANGE 16

The best plastics are made with the best pigments

DCC 1816

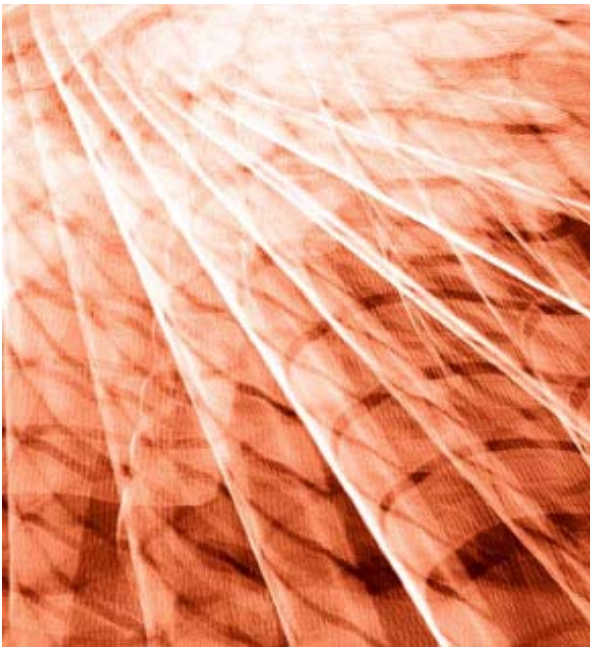
- Clean Bright Blue Shade Orange for Plastics
- Low Cost Molybdate Orange Alternative



Dominion Colour Corporation
Working Together For Quality

ISO 9001
ISO 14001

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



Pigment Orange 16 - DCC 1816

Product Overview

Chemical Class – Dianisidine Orange, CAS # 6505-28-8

DCC 1816 is a blue shade dianisidine orange pigment designed for film, blow molding, injection molding wire and cable for non exterior applications. This product offers very good heat stability at temperatures up to 240°C. with very high tint strength compared to other orange colour indexes. DCC 1816 is considered to be the most cost effective lead free alternative to molybdate orange.

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)	2
Film (polyolefins)	1
Blow Molding (polyolefins)	1
Injection Molding (polyolefins)	1
Wire & Cable (PVC)	1

PRODUCT CHARACTERISTICS	
Shade	Blue Shade PO.16
Weatherfastness	F P
Heat Stability: 1% pigmentation in HDPE (min@°C)	5@240
Resistance Properties	E VG E VG-E
<ul style="list-style-type: none"> Acid Resistance Alkali Resistance Soap Organic Solvents 	

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	Heat Stability in HDPE (1% pigment)	
	Stable up to °C	Overall 200-280°C
Competitive Grade	200°C-220°C	Control
DCC 1816	220°C-240°C	Slightly superior to competitive grade

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.



Dominion Colour Corporation
 Working Together For Quality

ISO 9001
ISO 14001

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

Distributed by _____