



PIGMENT ORANGE 34

The best inks are made with the best pigments

DCC 1834

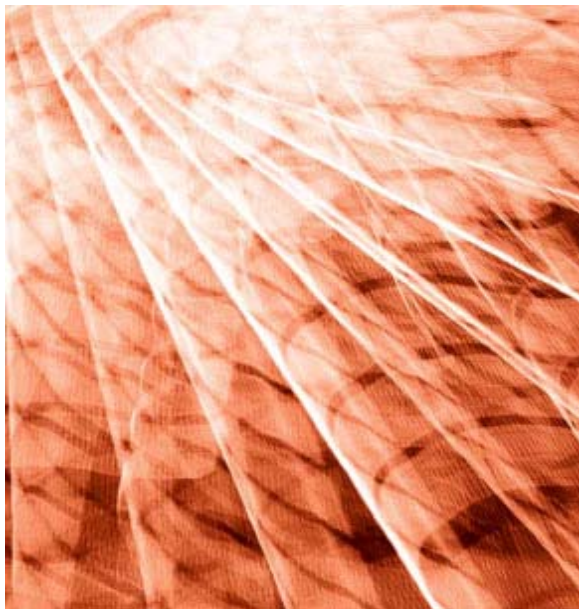
- Blue Shade Diarylide Orange for Solvent Ink
 - Superior Gloss and High Colour Strength
 - Very Good Rheology



Dominion Colour Corporation
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ISO 9001
ISO 14001

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Pigment Red 34 - DCC 1834

Chemical Class

Diarylide Orange
C.A.S.# 15793-73-4

Product Overview

DCC1834 is a blue shade orange pigment designed for use in nitrocellulose, polyamide and polyurethane solvent based inks where high transparency and gloss are required. High tinctorial strength, low rheology and very good chemical resistance are the benefits of using DCC1834.

This product range 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
AR=alcohol rich, ER = ester rich

Recommendations: 1 = Frequently Used, 2 = Limited Use, 3 = Not normally used. * Weatherometer data

APPLICATIONS	
Solvent Based Inks	
<ul style="list-style-type: none"> Nitrocellulose AR & ER Polyamide Polyurethane 	1 1 1
Waterbased Inks	2
Lithographic Inks	2



PRODUCT CHARACTERISTICS	
Shade	Yellow Shade PR.22
Lightfastness	
<ul style="list-style-type: none"> Masstone Tint 	F F
Heat Stability 10% pigmentation in Nitrocellulose (min@°C)	E 30@120
Resistance Properties	
<ul style="list-style-type: none"> Acid Resistance Alkali Resistance Soap Organic Solvents 	E E E VG

Performance Characteristics: Colour Comparison in Nitrocellulose and Polyamide Systems

Products	Nitrocellulose (15% Pigmentation)				Polyamide (15% Pigmentation)			
	Rheology			#3 Zahn (Sec)	Print-tone	Tint	Print-tone	Tint
	C ₆	V ₆₀	TI					
Competitive Grade	1800	1560	1.15	60+	Control	Control	Control	Control
DCC 1834	1200	700	1.71	40	Clean yellow shade Superior Gloss & Transparency	+sl. clean & yellow hue 5% strong	Similar hue, superior gloss, sl. transparent ΔE*0.96	Sl. Yellow hue 9% strong

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.

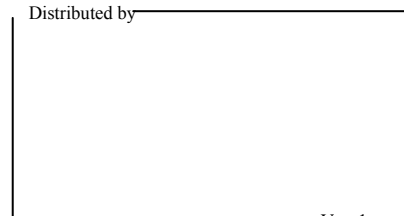


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