



# PIGMENT YELLOW 83

The best coatings are made with the best pigments

## DCC YELLOW HRO

Highly Recommended for Medium Performance Industrial Paints

Very Opaque and Good Rheology

Bright Chromatic Red Shade Yellow

Cost Effective Lead Chrome Alternative



**Dominion Colour Corporation**

*Working Together for Quality*

**ISO 9001**  
**ISO 14001**

[www.dominioncolour.com](http://www.dominioncolour.com) +1 416 791 4200



# Pigment Yellow 83 - DCC Yellow HRO

## Chemical Class

Diarylide  
CAS 5567-15-7

## Product Overview

DCC Yellow HRO has good weathering durability in saturated colours, and good fastness to heat, solvents and acids/alkali. These properties and its excellent opacity make it a very cost effective choice for use in industrial fast drying and oven cured coatings to achieve mid to red shade saturated yellows. In this respect it is an ideal alternative for Medium Chrome pigments.

## Key Attributes

Opaque and good rheology	Practical and cost effective in saturated yellow colour space
Good fastness to heat, solvents and chemicals	Suitable for fast drying and most oven cured paints
Good durability in saturated colours	Suitable for general purpose Industrial paints for chromatic colors
Clean Red Shade Yellow	High utility for colour matching Medium Chrome alternative

## This product range is supported by:

DCC's global presence  
DCC's technical service and support  
Local warehousing capabilities that ensures on-time delivery  
DCC's ability to consistently deliver quality products

APPLICATIONS	
Shade	DCC Yellow HRO
Architectural Water & Universal	2
Architectural Solvent	2
Industrial Fast Air Drying	1
Industrial Oven Cured	2
Coil Coatings	3
Automotive Coatings	2
Powder Coatings	1

Recommendations:  
1 = Frequently Used  
2 = Limited Use  
3 = Not normally used

PRODUCT CHARACTERISTICS	
Shade	Red Shade Yellow
Weatherfastness • Masstone • Tint	VG G
Heat Resistance 5% Pigmentation in Acrylic Melamine (min@°C)	30@120 - E 10@200 - VG
Resistance Properties • Acid Resistance • Alkali Resistance • Organic Solvents	E E VG to E

Key: P = Poor, F = Fair, G = Good, VG = Very Good, E = Excellent



PERFORMANCE CHARACTERISTICS										
Test System	Masstone					1:10 Tint				
	$\Delta L^*$	$\Delta a^*$	$\Delta b^*$	$\Delta C^*$	$\Delta E^*$	$\Delta L^*$	$\Delta a^*$	$\Delta b^*$	$\Delta C^*$	$\Delta E^*$
DCC YELLOW HRO (*Versus leading competitor)	-0.07	0.03	0.21	0.20	V. Sl. Red Shade Comparable Gloss Opacity $\Delta E^* 0.22$	-0.10	0.22	-0.70	-0.59	Similar Strength $\Delta E^* 0.75$

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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