DCC RED 7470

Yellow Shade Red Pigment

SPECIFICATIONS AND PROPERTIES

Working Together for Quality®

DESCRIPTION
DCC Red 7470 is a high performance bright yellow shade red pigment for use in high-end coating applications. It is used where excellent heat stability, very good weatherfastness (full shade only) are required.

Chemical Type/Common Name	Organic/ Naphthol Red
Colour Index: Generic Name	Pigment Red 170
Colour Index: Constitution No.	12475
CAS Registry No.	2786-76-7
Chemical Name	2-Naphthalenecarboxamide, 4- [[4-aminocarbonyl) phenyl] azo]- N- (2-ethoxy phenyl) -3-hydroxy-

SPECIFICATIONS		
Masstone Shade	Max. Delta E* 2.0 of Standard	(DCC TM 1235A)
Tint Strength (apparent)	± 5% of Standard	(DCC TM 1235A)
Shade & strength determinations are made with the aid of a MacBeth Colour Computer, under the following conditions: CIELAB, 10 degree observer, D65 light source, UV & gloss included.		

PHYSICAL PROPERTIES		
Specific Gravity	1.36 g/cc	(DCC TM 3101B)
Oil Absorption	46	(ASTM D-281-84- Fasig Method)
Moisture	<2.0% max.	(ASTM D-280-81)

PROPERTIES			
MEK	Very Good	**Linseed oil**	Excellent
Wax (Paraffin)	Excellent	**Mineral Spirits**	Excellent
Water	Excellent	**Xylene**	Very Good
Dilute Acid	Excellent	**Dilute Alkali**	Excellent
Heat Resistance: 200°C/10 minutes – Excellent			
Over-paint bleed resistance: (120°C/30 minutes) **-** Excellent			
Weather fastness*) Full Shade -1-year (Florida)	4	**Weather fastness*) Tint 1:10 TiO2 1-year (Florida)**	2

***) Assessment was made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)**

RECOMMENDED APPLICATIONS FOR COATINGS			
Architectural Water & Universal	■	**Coil Coatings**	○
Architectural Solvent	●	**Automotive Coatings**	■
Industrial Fast Air Drying	●	**Powder Coatings**	●
Industrial Oven Cured	●		
● Recommended	■ Limited Use	○ Not Recommended	

WORLDWIDE INVENTORIES REGISTRATION STATUS					
Australia (AICS)	Registered	**Canada (DSL)**	Registered	**China (IECSC)**	Registered
Europe (EINECS)	Registered	**Japan (ENCS)**	Registered	**Philippines (PICCS)**	Registered
USA (TSCA)	Registered	**New Zealand (NZIoC)**	Registered	**South Korea (KECI)**	Registered

TECHNICAL SERVICE LAB APPROVAL			
QUALITY CONTROL LAB APPROVAL			
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The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in their own laboratory.