

# DCC RED 2922

Yellow Shade Naphthol AS Red Pigment



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## SPECIFICATIONS AND PROPERTIES

### DESCRIPTION

DCC Red 2922 is a yellow shade naphthol AS red pigment for use in ink applications. It is primarily used in nitrocellulose, polyamide and polyurethane solvent based inks where very good gloss, transparency, and rheology are required. DCC Red 2922 can replace metal azo pigments where soap and alkali resistance are essential.

<b>Chemical Type/Common Name</b>	Organic / Naphthol AS Red
<b>Colour Index: Generic Name</b>	Pigment Red 22
<b>Colour Index: Constitution No.</b>	12315
<b>CAS Registry No.</b>	6448-95-9
<b>Chemical Name</b>	2-Naphthalenecarboxamide, 3-hydroxy-4-[(2-methyl-5-nitrophenyl)azo]-N-phenyl-

### SPECIFICATIONS

<b>Masstone Shade</b>	Max. Delta E* 1.5 of Standard (DCC TM 2344)
<b>Tint Strength (apparent)</b>	± 5% of Standard (DCC TM 2344)
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.	
<b>Note:</b> Test Methods available from DCC on request.	

### PHYSICAL PROPERTIES

<b>Specific Gravity</b>	1.4g/cc (DCC TM 3101B)
<b>Oil Absorption</b>	42 (ASTM D-281-84- Fasig Method)
<b>Moisture</b>	<2.0% max. (ASTM D-280-81)
<b>% Halogen Content</b>	Halogen Free

### PROPERTIES

<b>Ethyl Acetate</b>	Fair	<b>D.B.P.</b>	Poor
<b>Glycol</b>	Poor	<b>Ethyl Alcohol</b>	Good
<b>MEK</b>	Poor	<b>Linseed oil</b>	Fair
<b>Wax (Paraffin)</b>	Good	<b>Mineral Spirits</b>	Good
<b>Water</b>	Very Good	<b>Xylene</b>	Poor
<b>Dilute Acid</b>	Excellent	<b>Dilute Alkali</b>	Excellent
<b>Heat Resistance:</b> 120°C/30 minutes – Excellent, 200°C/10 minutes - Fair			
<b>Lightfastness Full Strength (F/O 72 hrs.)</b>	Fair	<b>Lightfastness TiO<sub>2</sub> Tint (F/O 72 hrs.)</b>	Fair

### RECOMMENDED APPLICATIONS

<b>Solvent Based Nitrocellulose Ink: Alcohol rich</b>	●	<b>Solvent Based Polyurethane Ink</b>	●
<b>Solvent Based Nitrocellulose Ink: Ester rich</b>	●	<b>Water-based Inks</b>	■
<b>Solvent Based Polyamide Ink</b>	●	<b>Lithographic Inks</b>	■
● Frequently used                      ■ Limited Use                      ○ Not Normally Used			

### WORLDWIDE INVENTORIES REGISTRATION STATUS

<b>Australia (AICS)</b>	Registered	<b>Canada (DSL)</b>	Registered	<b>China</b>	Registered
<b>Europe (EINECS)</b>	Registered	<b>Japan</b>	Registered	<b>Philippines</b>	Registered
<b>USA (TSCA)</b>	Registered	<b>New Zealand</b>	Registered	<b>South Korea</b>	Registered

### TECHNICAL SERVICE LAB APPROVAL

### QUALITY CONTROL LAB APPROVAL

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