

DCC Red 2922S

Yellow Shade Naphthol AS Red Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Red 2922S is a yellow shade red pigment primarily used in nitrocellulose, polyamide and polyurethane solvent based inks where very good gloss, transparency, and rheology are required.

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

SPECIFICATIONS

Masstone Shade	Max. Delta E* 1.5 of Standard (DCC TM 2344G-M)
Tint Strength (apparent)	± 5% of Standard (DCC TM 2344G-M)
Viscosity	TBD (DCC TM 2344G-M)

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

PROPERTIES

Ethyl Acetate	Fair	D.B.P.	Poor
Glycol	Poor	Ethyl Alcohol	Good
MEK	Poor	Linseed oil	Fair
Wax (Paraffin)	Good	Mineral Spirits	Good
Water	Very Good	Xylene	Poor
Dilute Acid	Excellent	Dilute Alkali	Excellent
Heat Resistance:	120°C/30 minutes – Excellent	200°C/10 minutes - Fair	
Lightfastness Full Strength	Fair	Lightfastness TiO₂ Tint	Fair

RECOMMENDED APPLICATIONS

Solvent Based Nitrocellulose Ink: alcohol rich	•	Solvent Based Polyurethane Ink	•
Solvent Based Nitrocellulose Ink: ester rich	•	Waterbased Inks	■
Solvent Based Polyamide Ink	•	Lithographic Inks	■
• Frequently used ■ Limited Use ○ Not Normally Used			

COMPLIANCE

USA: ASTM-Toys	EU APME: AP(89)1	European Toy Norm: 71-3-1994	EU RoHS	Germany: BfR	CONEG	ISO 1824-3 (1997)
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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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