

DCC CARMINE 6BL

Blue Shade Naphthol Red Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Carmine 6BL is a blue-shade Naphthol Red, which provides good gloss and transparency for solvent based and offset inks.

Chemical Type/Common Name	Organic / Naphthol
Colour Index: Generic Name	Pigment Red 184
Colour Index: Constitution No.	12487
CAS Registry No. / EINECS No.	99402-80-9 / 226-103-2 & 269-389-4
Chemical Name	Diazotized 3-amino-p-anisilide coupled with 5'-chloro-3-hydroxy-2'-methyl-2-naphthanilide and 4'-chloro-3-hydroxy-2', 5' dimethoxy-2-naphthanilide.

SPECIFICATIONS

Full Shade	Max. Delta E* 1.5 of Standard
Gloss/ Transparency	+3/-2, +2/-2
Flow	+2/-2
Tint Strength (apparent)	± 5% of Standard
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	0.8
Bulking Volume (L/kg)	6.0
pH (2% Aqueous Extract)	7.9
Specific Surface Area (m²g⁻¹)	62.4
Moisture	<2% max.

PROPERTIES

Ethyl Acetate	Good	Ethyl Alcohol	Good – Very Good
Propylene Glycol	Very Good – Excellent	Toluene	Good – Very Good
MEK	Fair – Good	Dibutyl Phthalate	Very Good
Water	Excellent	Linseed Oil	Excellent
Paraffin Wax	Very Good	Soap	Good
Dilute Acid	Excellent	Dilute Alkali	Excellent
Lightfastness Full Strength	Good	Lightfastness Tint	Fair

RECOMMENDED APPLICATIONS

Solvent Based Nitrocellulose Ink: Alcohol Rich	●	Solvent Based Polyurethane Ink	●
Solvent Based Nitrocellulose Ink: Ester Rich	●	Waster-based Inks	●
Solvent Based Polyamide Ink	●	Lithographic Inks	●
Polyvinyl Butyral Based Ink:	●		
● Frequently used ■ Limited Use ○ Not Normally Used			

WORLDWIDE INVENTORIES REGISTRATION STATUS

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

TECHNICAL SERVICE LAB APPROVAL

QUALITY CONTROL LAB APPROVAL

DATE OF ISSUE 19th April 2011 **PAGE 1 OF 1** Ver. # 1.0