

DCC CARMINE B

Bright Blue Shade Naphthol Red Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION	
DCC Carmine B is a bright blue shade red used primarily in offset and water-base inks.	

Chemical Type/Common Name	Organic / Naphthol
Colour Index: Generic Name	Pigment Red 5
Colour Index: Constitution No.	12490
CAS Registry No. / EINECS No.	6410-41-9/229-107-2
Chemical Name	2-Naphthalenecarboxamide, N-(5-chloro-2, 4-dimethoxyphenyl)-4-[[5-[(diethylamino)sulfonyl]-2-methoxyphenyl]azo]-3-hydroxy

SPECIFICATIONS	
Full Shade (Print tone)	Max. Delta E* 1.5 of Standard
Gloss/ Transparency	+3/-2, +2/-2
Reduction (Tint Strength)	± 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	1.3
Bulking Volume (L/kg)	4.8
pH (2% Aqueous Extract)	6.8
Specific Surface Area (m²g⁻¹)	32.4
Moisture	<2% max.

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

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			
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