

DCC MADDER LAKE CLDX

Bright Blue Shade Red Anthraquinone Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Madder Lake CLDX is a bright blue shade red pigment used primarily for offset inks.

Chemical Type/Common Name	Organic / Anthraquinone
Colour Index: Generic Name	Pigment Red 83
Colour Index: Constitution No.	58000:1
CAS Registry No. / EINECS No.	72-48-0/200-782-5
Chemical Name	9,10-Anthracenedione, 1-2-dihydroxy-

SPECIFICATIONS

Full Shade (Mass tone/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	1.7
Bulking Volume (L/kg)	3.9
pH (2% Aqueous Extract)	5.5
Oil Absorption (g/100g)	59
Moisture	<2% max.

PROPERTIES

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