

DCC YELLOW XR

AAMX Yellow Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Yellow XR provides an opaque pigment with excellent rheology for use in aqueous inks and & offset inks (both conventional and UV).

Chemical Type/Common Name	Organic / Diarylide Yellow AAMX
Colour Index: Generic Name	Pigment Yellow 13
Colour Index: Constitution No.	21100
CAS Registry No. / EINECS No.	5102-83-0 / 225-822-9
Chemical Name	Butanamide, 2,2'-[3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxo

SPECIFICATIONS

Full Shade (Print tone)	Max. Delta E* 1.5 of Standard
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	1.5
Bulking Volume (L/kg)	4.7
pH (2% Aqueous Extract)	6.7
Specific Surface Area (m²g⁻¹)	16.4
Moisture	<2.0% max.

PROPERTIES

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

● 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