

DCC BLUE A2RU

Red Shade Blue Pigment



Working Together for Quality®

SPECIFICATIONS AND PROPERTIES

DESCRIPTION

DCC Blue A2RU is a red shade, highly saturated blue that combines very good tinctorial properties with excellent fastness to light, weather, chemical and solvents. DCC Blue A2RU is a highly transparent blue suitable for opaque and effect shades and is primarily recommended for automotive coatings.

Chemical Type/Common Name	Organic / Indanthrone
Colour Index: Generic Name	PB. 60 / Vat Blue 4
Colour Index: Constitution No.	69800
CAS Registry No.	81-77-6
EC No.	201-375-5
Chemical Name	5,9,14,18-Anthrazintetrone, 6, 15-dihydro-

GENERAL SPECIFICATIONS

Volatile content	<1.0%
Conductivity	150 (µS/cm)
pH	5.5 – 8.5
Solvent resistance	>4
Masstone visual assessment –transparency	- 2 (OP) /+2 (TR)
Tint	Strength 100 ± 8% Max. DE* 1.4, DL* ±0.7, DC* ±1.3, DH* ±0.8

PHYSICAL PROPERTIES

Specific gravity	1.58 g/cm ³
Oil absorption	42 g/100g

PROPERTIES

Ethyl acetate	Excellent	Soap	Excellent
Acetone	Excellent	Toluene	Excellent
MEK	Excellent	Ethyl alcohol	Very Good - Excellent
Wax (Paraffin)	Excellent	Mineral spirits	Excellent
DBP	Excellent	Naphtha	Excellent
Water	Excellent	Xylene	Excellent
Dilute acid	Excellent	Dilute alkali	Excellent

COATINGS SPECIFIC DATA

Heat Resistance:	200°C/10 minutes – Excellent		
Over paint Bleed Resistance:	Excellent		
Weather fastness *) Masstone	5	Weather fastness *) TiO₂ Tint (1:10)	5
Light fastness Masstone	Excellent	Light fastness TiO₂ Tint (1:10)	Excellent

*) Assessment was made using the ISO Grey Scale R105 A02 (1 = severe change, 5 = no change)

RECOMMENDED APPLICATIONS F COATINGS

Architectural Water & Universal	●	Coil Coatings	●
Architectural Solvent	●	Automotive Coatings	●
Industrial Fast Air Drying	●	Powder Coatings	●
Industrial Oven Cured	●		

● Recommended ■ Limited Use ○ Not Recommended

The information provided is based on extensive use and laboratory testing and is believed to be a reliable indication of the results that may be expected. The data is offered only as a guide to performance, without guarantee or warranty of any kind. Since many variables have a strong influence on pigment performance the user is encouraged to evaluate each product in their own laboratory.

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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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