

DCC Blue A3R, A3RN



DCC Blue A3R, A3RN Indanthrone Blue

Transparent Red Shade Blue

Outstanding Fastness: Weather, Light, Heat, Solvents

Ideally Engineered for Metallic and Mica Shades

Coatings / Plastics / Inks



Dominion Colour Corporation

Working Together for Quality™

ISO 9001
ISO 14001

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DCC Blue A3R, A3RN

Pigment Blue 60



CHEMICAL CLASS

Indanthrone Blue CAS 81-77-6

PRODUCT OVERVIEW

DCC Blue A3R and **DCC Blue A3RN** are characterized by their reddish blue hue, and outstanding fastness to light, weathering, heat and chemicals, making them suitable for use in the highest performance coatings, plastics and ink applications.

COATINGS

DCC Blue A3R and **DCC Blue A3RN** are particularly recommended for use in automotive coatings, both solvent and water borne. Their high transparency and unique reddish blue shade, make them an essential tool for styling effect colours by combination with micas and alumina flake. With high weathering fastness in mind, **DCC Blue A3R** and **A3RN** are also advocated for use in coil and architectural powder coatings.

DCC Blue A3RN is slightly greener, more chromatic and higher in tint strength than **DCC Blue A3R**.

APPLICATIONS		
	DCC Blue A3R	DCC Blue A3RN
Coatings		
• Architectural Water & Universal	■	■
• Architectural Solvent	■	■
• Industrial Fast Air Drying	■	■
• Industrial Oven Cured	■	■
• Coil Coating	■	■
• Automotive Coatings	■	■
• Powder Coatings	■	■
Inks		
• Solvent NC Ink - Alcohol Rich	■	□
• Solvent NC Ink - Ester Rich	■	□
• Solvent Polyamide Ink	■	□
• Solvent Polyurethane Ink	■	□
• Water Based Inks	□	□
• Flush Ink	□	□
• Offset Paste	□	□
Plastics		
• Blow Molding	■	□
• Fibres Polypropylene	■	□
• Film	■	□
• Injection Molding	■	□
• PVC Wire & Cable	■	□
• Engineering Resins	■	□
Fibres		
• Polypropylene	■	□
• Polyamide	□	□
• Polyester	□	□
• Polyacrylonitrile	□	□

PLASTICS

With Heat fastness up to 300 C, **DCC Blue A3R** is one of the very few organic pigments on the available colour palette suggested for use in engineering polymers. With excellent dispersibility in addition, **DCC Blue A3R** is especially recommended for fiber and film coloration.

INKS

DCC Blue A3R is recommended for the coloration of high performance inks. Examples are very high heat-fastness for printing on laminates and packaging requiring sterilization; Chemical fastness for printing on substrates likely to be in contact bleaches or other reagents; light and weathering fastness for exterior applications.

With its unique colour and transparency **DCC Blue A3R** is also suggested for specialty packaging and security inks.

THIS PRODUCT RANGE IS SUPPORTED BY:

DCC's global presence
DCC's technical service and support
Local warehousing capabilities that ensure on-time delivery
DCC's ability to consistently deliver quality products

APPLICATIONS		
	DCC Blue A3R	DCC Blue A3RN
Weatherfastness		
• Masstone	5	5
• Tint	5	5
Heat Stability Coatings		
• Alkyd/Melamine	200°C	220°C
Heat Stability Plastics		
• HDPE	300°C	
• PET	300°C	
• PC	340°C	
• PS	300°C	
• PA6	300°C	
Resistance Properties		
• Acid Resistance	E	E
• Alkali Resistance	E	E
• Soap	E	E
• Organic Solvents	VG-E	VG-E

LEGEND: E - Excellent VG - Very Good G - Good F - Fair P - Poor **RECOMMENDATIONS:** ■ Frequently Used □ Limited Use □ Not Normally Used
WEATHERFASTNESS: 1 - Severe Change In Shade 5 - No Change In Shade

The information in this handout is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern colour reproduction, the shades may vary slightly from the final colour application. Since many variables have a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use.



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