



DCC Blue A2RU

Description: DCC Blue A2RU is a red shade, highly saturated blue that combines very good tinctorial properties with excellent fastness properties. DCC Blue A2RU is highly transparent blue suitable for opaque and effect shades and is primarily recommended for automotive coatings and speciality inks.

Chemical Type	Indanthrone	Constitution No.	69800
Color Index	PB. 60 / Vat Blue 4	CAS No.	81-77-6

Resistance Properties

MEK	5	Ethanol	4-5
Water	5	Ethyl Acetate	5
Mineral Spirits	5	Acid	5
Xylene	5	Alkali	5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	8
Heat Stability (°C/°F)	200°C (Paints)	Lightfastness (1-8): Tint 1:10	8
Warpage Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	5
Overpaint Resistance * Paints Only	5	Weatherfastness (1-5): Tint 1:10	5

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

Particle Size (µm)		pH	5.5–8.5
Specific Surface Area (m²/g)		Specific Gravity	1.6
Oil Absorption (g/100g)	42	Bulk Density (kg/L)	
Moisture Content (%)	<1.0%	Bulk Volume (L/kg)	

Applications

Plastics		Coatings		Inks		Other	
PVC	<input type="checkbox"/>	Decorative	<input type="checkbox"/>	Water Flexo	<input checked="" type="checkbox"/>	Paper	
PE	<input type="checkbox"/>	Automotive/Aerospace	<input checked="" type="checkbox"/>	Solvent Flexo	<input checked="" type="checkbox"/>	Rubber	
PP	<input type="checkbox"/>	Industrial	<input checked="" type="checkbox"/>	InkJet	<input checked="" type="checkbox"/>	Finger Paints	
PS	<input type="checkbox"/>	Powder	<input checked="" type="checkbox"/>	UV	<input checked="" type="checkbox"/>	Seed Coatings	
PET	<input type="checkbox"/>			Offset	<input checked="" type="checkbox"/>		
Fiber	<input type="checkbox"/>						

Not Frequently Used Limited Recommended

Comments:

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