



# DCC Blue A2RX

**Description:** DCC Blue A2RX is a red shade, highly saturated blue that combines very good tinctorial properties with excellent fastness properties. DCC Blue A2RX is highly transparent blue suitable for opaque and effect shades and is primarily recommended for automotive coatings.

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

## Resistance Properties

<b>MEK</b>	5	<b>Ethanol</b>	4-5
<b>Water</b>	5	<b>Ethyl Acetate</b>	5
<b>Mineral Spirits</b>	5	<b>Acid</b>	5
<b>Xylene</b>	5	<b>Alkali</b>	5

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

## Product Characteristics

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

<b>Particle Size (µm)</b>		<b>pH</b>	5.5–8.5
<b>Specific Surface Area (m<sup>2</sup>/g)</b>		<b>Specific Gravity</b>	1.6
<b>Oil Absorption (g/100g)</b>	43	<b>Bulk Density (kg/L)</b>	
<b>Moisture Content (%)</b>	<1.0%	<b>Bulk Volume (L/kg)</b>	

## 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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