



DCL Blue A3RJ

Description: DCC Blue A3RJ is a strong red shade, highly saturated blue pigment that combines very good tinctorial properties with excellent fastness properties.

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

Resistance Properties

MEK	4-5	Ethanol	5
Water	5	Ethyl Acetate	4-5
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)	32.7	Specific Gravity	1.5
Oil Absorption (g/100g)	40	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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