



DCC Carmine B

Description: DCC Carmine B is a bright blue shade red used primarily in offset and water based inks. It also finds use in decorative and industrial paints.

Chemical Type	Naphthol	Constitution No.	12490
Color Index	Pigment Red 5	CAS No.	6410-41-9 / 229-107-2

Resistance Properties

MEK	2-3	Ethanol	4-5
Water	5	Ethyl Acetate	3
Mineral Spirits	4-5	Acid	5
Xylene	3-4	Alkali	5

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

Product Characteristics

Migration (1-5)		Lightfastness (1-8): Masstone	7
Heat Stability (°C/°F)	180°C (Paints)	Lightfastness (1-8): Tint 1:10	6
Warpage Rating (1-3) * Plastic Only		Weatherfastness (1-5): Masstone	4
Overpaint Resistance * Paints Only		Weatherfastness (1-5): Tint 1:10	2

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)	32.4	Specific Gravity	1.3
Oil Absorption (g/100g)	50	Bulk Density (kg/L)	
Moisture Content (%)	<2.0%	Bulk Volume (L/kg)	4.8

Applications

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