



DCC Carmine 6NC

Description: DCC Carmine 6NC is a blue shade red pigment that provides excellent gloss and transparency, with good rheology in solvent based liquid inks

Chemical Type	Naphthol	Constitution No.	12487
Color Index	Pigment Red 184	CAS No.	99402-80-9 / 226-103-2 & 269-389-4

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

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)	7.1	Specific Gravity	3.3
Oil Absorption (g/100g)	43	Bulk Density (kg/L)	
Moisture Content (%)	<2.0%	Bulk Volume (L/kg)	1.9

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 type="checkbox"/>	Solvent Flexo	<input checked="" type="checkbox"/>	Rubber	
PP	<input type="checkbox"/>	Industrial	<input 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 type="checkbox"/>		
Fiber	<input type="checkbox"/>						

Not Frequently Used Limited Recommended

Comments:

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