



See The Difference We Make

GemSperse Red EX5

Description: Surfactant and Water Based Dispersion of Red 5

Chemical Type	Monoazo Red	Constitution No.	12490
Color Index	Pigment Red 5	CAS No.	6410-41-9

Resistance Properties

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

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

Product Characteristics

Heat Stability (°C/°F)	160°C	Weatherfastness (1-5): Masstone
Lightfastness (1-8): Masstone	7	Weatherfastness (1-5): Tint 1:10
Lightfastness (1-8): Tint 1:10	5-6	

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

Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=VG, 8=Excellent

Physical Properties

Fineness of Grind (µm)	<10	Specific Gravity	1 - 1.2
Volatile Organic Content (ppm)	<700	Viscosity (cP)	1500 - 2500
pH	8 - 9.5	Pigment Content (%)	40

Applications

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

Not Frequently Used Limited Recommended

Comments: A clean bluish red shade with moderate to good fastness to light and good solvent fastness. Main use is for inks and paper.

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