



See The Difference We Make

GemSperse Red KX101

Description: Anionic Water Based Dispersion of Opaque Red 101

Chemical Type	Opaque Red Iron Oxide	Constitution No.	77491
Color Index	Pigment Red 101	CAS No.	1309-37-1

Resistance Properties

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

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

Product Characteristics

Heat Stability (°C/°F)	200°C	Weatherfastness (1-5): Masstone
Lightfastness (1-8): Masstone	8	Weatherfastness (1-5): Tint 1:10
Lightfastness (1-8): Tint 1:10	8	

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	1.5 - 1.8
Volatile Organic Content (ppm)		Viscosity (cP)	1000 - 2000
pH	7 - 9.5	Pigment Content (%)	65

Applications

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

Not Frequently Used Limited Recommended

Comments: Ferric Oxide (Fe2O3). Wide range of shades but mostly in the dull red ochre color with low tinting strength. Otherwise ideal application properties with excellent fastness to light, solvents and chemicals and a relatively low price. Normally opaque - some transparent grades are much more expensive but widely used for transparent wood finishes. Good physiological properties

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