



See The Difference We Make

# GemSperse Red KX112

**Description:** Anionic Water Based Dispersion of Red 112

<b>Chemical Type</b>	Monoazo Red	<b>Constitution No.</b>	12370
<b>Color Index</b>	Pigment Red 112	<b>CAS No.</b>	6535-46-2

## Resistance Properties

<b>MEK</b>	3	<b>Ethanol</b>	4
<b>Water</b>	5	<b>Ethyl Acetate</b>	3
<b>Mineral Spirits</b>	4	<b>Acid</b>	4
<b>Xylene</b>	2	<b>Alkali</b>	5

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

## Product Characteristics

<b>Heat Stability (°C/°F)</b>	180°C	<b>Weatherfastness (1-5): Masstone</b>
<b>Lightfastness (1-8): Masstone</b>	7	<b>Weatherfastness (1-5): Tint 1:10</b>
<b>Lightfastness (1-8): Tint 1:10</b>	5	

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

<b>Fineness of Grind (µm)</b>	<10	<b>Specific Gravity</b>	1 - 1.2
<b>Volatile Organic Content (ppm)</b>		<b>Viscosity (cP)</b>	300 - 1000
<b>pH</b>	8 - 9.5	<b>Pigment Content (%)</b>	25

## Applications

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

○ Not Frequently Used    ○ Limited    ● Recommended

**Comments:** A bright mid red with good fastness to light and solvents. The main red used in decorative paints. Economic.

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