



See The Difference We Make

GemSperse Blue EX15

Description: Surfactant and Water Based Dispersion of Phthalocyanine Blue

Chemical Type	Phthalocyanine Blue	Constitution No.	74160
Color Index	Pigment Blue 15	CAS No.	147-14-8

Resistance Properties

MEK	5	Ethanol	5
Water	5	Ethyl Acetate	5
Mineral Spirits	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)	200°C	Weatherfastness (1-5): Masstone
Lightfastness (1-8): Masstone	7	Weatherfastness (1-5): Tint 1:10
Lightfastness (1-8): Tint 1:10	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 - 1.3
Volatile Organic Content (ppm)	<700	Viscosity (cP)	800 - 3000
pH	8 - 9.5	Pigment Content (%)	43

Applications

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

○ Not Frequently Used ○ Limited ● Recommended

Comments: Strong reddish blue with excellent fastness to light and heat, but not to aromatic hydrocarbon solvents. Used for all applications. Economic.

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