

IFC-3102

Acrylic copolymer emulsion



Technical Data Sheet

Name: IFC-3102

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Version:1.3

Product Description

IFC-3102 is a hydroxyfunctional polyacrylic dispersion designed for machinery, vehicle, and anticorrosion coating. In combination with polyisocyanates or other crosslinkers, it can be used for two-component coating. It also can be used for one component baking coating with amino resins or blocked polyisocyanates. Approx. 46% in water/solvent naphtha 100/2-butoxy ethanol, approx. 44:4:4. Neutralizing agent, N,N-dimethyl ethanolamine(<2wt%), bound as a salt.

Properties

1. High gloss.
2. Excellent resistance to ultraviolet aging.
3. Excellent resistance to chemicals and salt spray.
4. High hardness, hardness (combination with polyisocyanates) over H.

Characteristic data*

Property	Value	Unit
Appearance	Milky white liquid	
Solid content	46±1	%
PH	7.0-9.0	
Viscosity	50-1850	mPa·s
OH content	3.3	%
Density	1.06	g/cm ³

*These properties are typical but do not constitute specifications.

Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer

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