Epovion®

Product Name : Epovion® BPA-SOL 90

CAS number : Bisphenol-A type solid epoxy resin:25036-25-3

Xylene:01330-20-7

Chemical Type : Bisphenol-A Epoxy Resin

Business Unit : Epoxy Resin

1. Product Description

Epovion® BPA-SOL 90 is a solution-grade bisphenol-A based epoxy resin supplied as an organic solvent solution.

The product is designed for coating formulations and provides good film-forming properties, chemical resistance, and mechanical performance when cured with suitable polyamide or polyamine hardeners. It is intended for applications where controlled viscosity and application convenience are required.

2. Typical Applications

Epovion® BPA-SOL 90 is typically used in:

- Anticorrosive coatings
- Protective industrial paints

Actual suitability and performance depend on curing agent selection, formulation design, solvent system, and application conditions applied by the user.

3. Key Characteristics (Typical)

Property	Unit	Typical Value	Test Method
Physical state	–	Liquid	Visual
Epoxy equivalent weight	g/eq	~450–500	Internal Method
Color (Gardner)	–	≤1.0	ASTM D1544
Viscosity (25 °C)	mPa·s	~8,000–15,000	ASTM D2196

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Property	Unit	Typical Value	Test Method
Non-volatile content	%	~74–76	Internal Method
Density (25 °C)	g/cm³	~1.10	ASTM D4052

Note: Typical values are indicative only and do not constitute a specification.

4. Recommended Use

Epovion® BPA-SOL 90 is suitable for curing with polyamide or polyamine hardeners commonly used in anticorrosive coating systems.

Formulation ratios, solvent balance, curing schedules, and application parameters should be determined and validated by the user through appropriate testing prior to production use.

5. Packaging & Logistics

Epovion® BPA-SOL 90 is supplied in standard industrial packaging formats, subject to confirmation at the quotation stage. Minimum order quantities depend on packaging configuration and destination requirements. The product is offered under standard Incoterms such as FOB, CFR, or CIF, as specified in the quotation. Indicative lead times are provided at quotation and confirmed upon order acceptance.

6. Handling & Storage

Epovion® BPA-SOL 90 should be stored in its original, tightly closed containers at ambient temperature, away from heat and ignition sources.

When stored under recommended conditions, the product maintains stability for at least 12 months. Refer to the SDS for detailed handling and safety instructions.

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