



PRODUCT DATA SHEET

EPOXY RESIN VO-ER-2075

Description

VO-ER-2075 is a medium molecular weight epoxy resin based on Bisphenol – A dissolved in xylene.

VO-ER-2075 resin is a low molecular weight epoxy resin solution formulated with polyamine or polyamide hardeners to form an excellent base for many high quality chemical resistant coatings. These two-pack coating systems are suitable where cure must be achieved at ambient temperature, and where films must withstand exposure to corrosive atmospheres containing a variety of chemical reagents, solvents or salt water. The outstanding resistance properties, hardness, excellent adhesion to almost any substrate and flexibility are utilized in a wide variety of finishes, including marine coatings, tank-linings and industrial maintenance coatings.

Applications

VO-ER-2075 is a general purpose epoxy resin suitable use in applications such as :

- Automotive Coatings
- Can Coatings
- Coil Coatings
- Marine & Protective Coatings
- Civil Engineering

Typical Properties

Property	Values	Test Methods
Appearance	Pale yellow Clear liquid	
Epoxy Equivalent weight (g/Eq)	450 – 500	ASTM D – 1652
Non Volatile Content* (%)	74 – 75	
Viscosity at 25 °C (m Pas)	6,000 – 12,000	ASTM D – 445
Colour on Gardner	Max 2	ASTM D – 1544
Hyrolysable Chlorine (wt %)	Max 0.1	
Density at 25 °C (g/ml)	1.10	ASTM D – 4052
Flash Point (°C)	28	ASTM D – 3278
Shelf Life (Months)	24	

*Properties based on 100% solid

Storage VO-ER-2075 should be stored in original container tightly closed in dry and cold conditions and product should not be exposed to direct sunlight.

Handling Precautions Mandatory and recommended industrial hygiene procedures should be followed whenever reactive resin systems are being handled and processed.

However operators are obliged to use personal protective equipment to avoid skin contact with the materials.

Note The information given in this publication is based on the present state of our knowledge but any conclusions and recommendations are made without liability on our part. Buyers and users should make their own assessment of our products under their own conditions and for their own requirements.