Zepoxy RER 169

Standard Bisphenol-F Epoxy Resin

RESSICHEM®
adding life and value to your property

Zepoxy RER 169 is a low viscosity Bisphenol-F epoxy resin, containing no diluent. Like other bisphenol F epoxy resins, it has improved chemical resistance and lower viscosity than bisphenol-A epoxy resins. The higher molecular weight of **Zepoxy RER 169** provides some improvement in crystallization resistance versus other bisphenol-F epoxy resins. The low viscosity compared to bisphenol-A epoxy resins provides good fiber or pigment wetting and allows the use of less reactive diluents in formulations to achieve similar system viscosities and superior mechanical properties.

APPLICATION AREAS/SUGGESTED USES

Zepoxy RER 169 may be used alone or in mixture with other liquid resins, such as **Zepoxy RER 128**. In this latter instance, it provides a means of reducing viscosity and of conferring additional crystallization resistance to the resin blend. Typical uses include compositions for the building and civil engineering industries (e.g., flooring compounds, adhesives, mortars, and grouts), filament winding for composites, electrical castings, solvent-free and high solids coatings.

BENEFITS

- ✔ Lower viscosity without diluent
- ✔ Good hardness development and mechanical properties, especially versus diluted resins
- ✔ Improved resistance against crystallization, which can be enhanced further when blended with **Zepoxy RER 128**
- ✔ Imparts good chemical resistance.
- ✔ Good pigment wetting
- ✔ Good resistance to pigment settling.

TECHNICAL DATA

Property	Test Method	Result
Appearance	Visual	Clear, colorless liquid
*Color	ASTM D 1544	0.5 Max
*Viscosity @ 25°C	ASTM D 2196	5000 - 7000 cPs
*Epoxy Equivalent Weight	ASTM D 1652	172 - 179 g/eq
*Epoxy Value	ASTM D 1652	5.6 – 5.8

***Typical results under laboratory conditions**

PACKAGING

Zepoxy RER 169 is available as follows:

1 KG, 5KG, 10KG, 30KG, and 230KG

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مضبوطی اور پائیداری کے لئے

D-83, S.I.T.E., Industrial Area, Manghopir Road, Karachi - 75530, Pakistan
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HEALTH AND SAFETY

Dispose containers of the materials as per local laws, rules, and regulations. Use gloves, safety masks and other safety apparel as per health and safety laws. For further assistance, please refer to the MSDS of the product for further health and safety information.

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