

Zepoxy RER 128 is an unmodified liquid epoxy resin based on bisphenol-A. It has a medium viscosity and is di-functional in nature. These properties give this resin a wide number of uses and hence make it the most commercially used general-purpose resin. It has good adhesion, chemical resistance, heat resistance, water resistance and impact resistance properties.

APPLICATIONS

Zepoxy RER 128 can be cured with various hardeners (polyamide, amidoamine, cycloaliphatic polyamine, aliphatic polyamine, phenalkamine and anhydride). Depending on the hardener, diluents, fillers and other additives, different physical properties after curing are achieved. Generally, **Zepoxy RER 128** is available in a clear liquid form and is general used in many fields such as:

- ✓ Paints: Electrodeposition coating, Ambient curing coating, Clear coating, Anti-corrosion coating.
- ✓ Electrical and Electronic fields: Casting, Dipping, Encapsulation, Laminates, Condenser and Resistor coating.
- ✓ Civil Construction and Buildings: Cementing concrete structure, Water proofing, Anti-corrosion road pavement, Repair bond for joint, Grouting material.
- ✓ Adhesive: Metal, Glass, Wood, and Stone adhesives.
- ✓ Filament winding, Glass fiber reinforcement resin.
- ✓ Stabilizer for polyvinyl chloride.

TECHNICAL TABLE

Property	Test Method	Result
Appearance	Visual	Clear, colorless to light yellow liquid
*Color	ASTM D 1544	0.5 Max
*Viscosity @ 25°C	ASTM D 2196	11,000 – 14,000 cPs
*Epoxy Equivalent Weight	ASTM D 1652	195 – 204 g / eq
*Epoxy Value	ASTM D 1652	4.90 - 5.13
*Hydrolysable Chloride	ASTM D 1726	<0.25%

*Typical results under laboratory conditions

PACKAGING

Zepoxy RER 128 is available as follows:

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

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.