

Zepoxy RER 128Y 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 128Y 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 128Y** is available in a clear liquid form and is generally 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, yellow liquid
Color	ASTM D 1544	6.0 Max
Viscosity @ 25°C	ASTM D 2196	8,000 – 15,000 cPs
Epoxy Equivalent Weight	ASTM D 1652	190 – 220 g / eq
Epoxy Value	ASTM D 1652	4.60 - 5.26
Hydrolysable Chloride	ASTM D 1726	<0.5%

PACKAGING

Zepoxy RER 128Y is available as follows:

- ✓ 30 KG Cans
- ✓ 200 KG Drums
- ✓ 1000 KG Tanks (Upon Special Request)

HEALTH AND SAFETY

Please dispose off containers of the materials as per local laws, rules and regulations. Usage of gloves, safety masks and other safety apparel as per health and safety laws should be done. For further assistance, please refer to the MSDS of the product for further health and safety information.