

Zepoxy FPRE (Fiber preg Roving Epoxy) is a Low viscosity, high mechanical strength epoxy system for easy wetting of carbon/glass fiber used to produce fiber glass tanks, pipes, and composites through filament winding process.

TECHNICAL DATA

Property	Test Method	Result	
		Part A	Part B
Appearance	Visual	Low viscosity, clear to light yellow liquid	Low viscosity, clear liquid
*Viscosity	ASTM D 2196	1500 - 3000 cPs	10 - 60 cPs
Mix ratio (Part A: Part B)	Theoretical	100:14	
*Pot life @ 30°C (300g mix)	-	15 minutes	
*Peak Exotherm	-	170°C	
*Flexural Strength	ASTM D 790	123.3 MPa	
*Compressive Strength – Yield	ASTM D 695	94.3 MPa	
*Compressive Strength – Ultimate	ASTM D 695	129.0 MPa	
*Flash Point	ASTM D 93	>135°C	

*Typical results under laboratory conditions.

PACKAGING

Zepoxy FPRE Part A and Part B are available in the following packaging.

15 KG, 30 KG, and 200 KG

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