

## PACTOMITE ER1030 Filament Wound Product

Pactomite ER1030 filament wound products are high temperature epoxy filament wound tubes or pipe. Filament wound products can be made in various geometries to suit the customer's needs. Materials properties are custom engineer to meet the end-use requirements. Below are typical values for ER1030 Filament wound pipe.

TERMS	UNITS	VALUE	METHOD
<i>Composition</i>			
Glass Fiber	%	≥60	ISO 1172
Density	g/cm <sup>3</sup>	1.8±.1	IEC 60641-2
T <sub>g</sub> by DMA E'	°C	180+	ASTM E1640
<i>Mechanical Properties</i>			
Flexural Strength at 23°C	MPa	300-375	ISO 178
Compressive Strength Perpendicular to Laminations	MPa	375-450	ISO 604
Compressive Strength Parallel to Laminations	MPa	100-200	ISO 604
Axial Shear Strength	MPa	375-450	
<i>Electrical Properties</i>			
Dielectric Breakdown Voltage Parallel to Laminations in Oil	kV/mm	12	IEC 60243