FRANKLIN
LAMITEX, LLC

Composites For Today's Challenges

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Franklin Vulcanized Fibre Tube Performace Data

Tensile Strength:	840 kg/sq-cm (1,196 psi) for a wall thickness less than 1/32 inch when the OD is less than 2.0 inches.		
Density:	Minimum 1.35 g/cm^3 with production material varying 1.38 to 1.40 g/cm^3		
Compressive Strength:	Wall thickness 1/32 inch to 1/8 inch:	770 kg/sq-cm	1,095 psi
	Wall thickness 1/8 inch to 5/16 inch:	840 kg/sq-cm	1,195 psi
Dielectric Strength	Wall thickness less than 1/16 inch:	175 Volts/cm	
	Wall thickness 1/16 inch to 1/18 inch:	150 Volts/cm	
	Wall thickness 1/8 inch to 5/16 inch:	100 Volts/cm	
Water Absorption (% after 24 hours)	Wall thickness 1/32 inch to 1/8 inch:	75%	
	Wall thickness 1/8 inch to 1/4 inch:	50%	
	Wall thickness 1/4 inch to 5/16 inch:	25%	
Ash Content:	Red 3.5%, White 3.5%, Grey 1.5%, Black 1.5%		
Zinc Chloride Content:	Minimum 0.03% and Maximum 0.07%		

All values are average test results from typical production material. No warranty is implied or guarranteed and testing is recommended for each application.