



PERMALI SUPPORT DATASHEET

Permal Support is a high-strength laminated insulation material used in induction furnace and heavy electrical applications. It provides excellent mechanical strength, electrical insulation, and thermal resistance.

Technical Specifications

Property	Specification	Result
Density (g/cm ³)	1.10 – 1.20	1.148
Moisture Content (%)	Max 7	5.64
Shrinkage A (%)	Max 0.30	0.17
Shrinkage B (%)	Max 0.30	0.15
Shrinkage Thickness (%)	Max 3.00	1.62
Oil Absorption (%)	Min 6	8.10
Cross Breaking Strength Along Grain (MPa)	Min 112	125
Cross Breaking Strength Across Grain (MPa)	Min 85	102
Tensile Strength (MPa)	Min 95	104
Compression Strength (MPa)	Min 185	197
BDV Edgewise (KV)	Min 60	>60
BDV Flatwise (KV/mm)	Min 4	6.00

Electro Power Enterprise - The Trusted Source for Induction Furnace Spare Parts