

Laminated sheet of glass mat

SL-ME

1. Outline

SL-ME is a laminated sheet of glass mat with the blended epoxy resin.

2. Features

Excellent electrical characteristic and mechanical strength at high temperature

3. Applications

- (1) Structure material of mold transformer
- (2) Terminal plate, wedge, spacer of various electric apparatus

4. Properties

Test item	Unit	Condition	Result	Note
Dielectric Breakdown Voltage	kV/mm	A	23.7	
Insulation Resistance	Ω	A	8.8×10^{14}	
		D-2/100	1.3×10^{10}	
Volume Resistivity	Ω -cm	A	3.2×10^{15}	
Arc Resistance	sec	A	186	
Tracking Resistance	V	A	>600	IEC-112
Tensile Strength	N/mm ²	A	165	
Flexural Strength (Edgewise)	N/mm ²	A	250	
		at 125°C	166	
Water Absorption	%	D-24/23	0.1	
Specific Gravity	-	A	1.99	

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