

Multitemp B34

Multitemp B34 is a polyimide glass with a high temperature resistance and high strength..

Properties	Units	
Flexural strength	MPa	540
	MPa @ 150 °C	350
Notched impact strength	kJ/m ²	80
Tensile strength	MPa	350
Compressive strength	MPa	650
Shear strength	MPa	55
Modulus of Elasticity	MPa	25000
Insulation resistance (24hrs Water Immersed)	GΩ	6000
Insulation resistance (Dry)	GΩ	6000
Dissipation factor	@ 1 MHz	0,025
Relative Permittivity	@ 1 MHz	5,4
Tracking index	V	165
Breakdown Voltage	kV	92
Electric Strength	MV/m	15
Maximum continuous temperature	°C	200
Maximum intermittent temperature	°C	250
Thermal conductivity	W/mK	0,23
Coëfficient of thermal expansion	10 ⁻⁶ /°C	20
Density	g/cm ³	2,0
Water absorption	mg	34
Flame Resistance	-	FV0
Colour	-	Dark Brown

Availability:

Multitemp B34 can be delivered as sheet cut-offs and finished parts.

Sheet: Size: 1000 x 2000 mm
 Thickness: 2 - 50 mm

Parts: Finished products conform drawing