

## Multitemp B34

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

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