

Sindanyo H51

Sindanyo H51 has been specially developed for the glass industry with a good temperature resistance and good resistance against temperature fluctuations.

Properties	Units	
Compressive strength	MPa	70
	24 hours @ 350 °C	58
	24 hours @ 500 °C	56
Flexural strength	MPa	25
	24 hours @ 350 °C	23
	24 hours @ 500 °C	22
Impact strength	Kj/mm	3
	24 hours @ 350 °C	2,8
Compressive Yield	%	5
Shear Strength	MPa	15
Electric strength @ 90 °C	KV/mm in air	2
Surface Breakdown @ 90 °C	KV in air	14
Maximum Continuous Operating Temperature	°C	500
Maximum Intermittant Operating Temperature	°C	600
Thermal Conductivity	W/m K	0,5
Linear Shrinkage	% @ 350 °C	0,3
Density	g/cm ³	1,9
Water absorption	% in 24 hours @ 23 °C	12
	% in 24 hours @ 500 °C	0,4
Colour	-	Grey

Availability:

Sindanyo H51 can be delivered as sheet cut-offs and finished parts.

Sheet: Size: 940 x 1245 mm
 Thickness: 5 - 75 mm

Parts: Finished products conform drawing