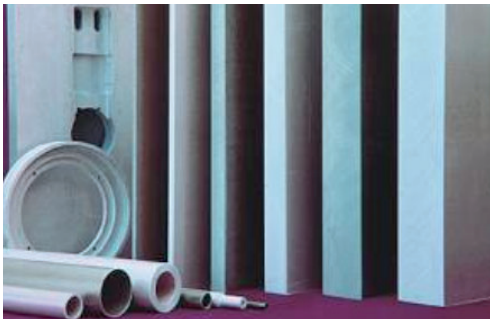
GLICORIT 500/700

Technical specification

Product			G 500	G 700
Application temperature	°C		500	700
Density	kg/m^3		2150	2150
Thermal conductivity (50 °C DIN 52612)	W/mK		0.30	0.30
Compressional strength ISO 604	MPa		400	330
Screw retention force	N/mm		3600	3400
Water take-up (DIN 53495)	%		< 1	< 1
Electrical dielectric strength (DIN 53481)	KV/mm		25	25
Formats (boards)	mm	Format	1020 x 1220	1020 x 1220
		Thickn.	0.2 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 30 … 75 | 80	
Colour			grey	grey/brown



GLICORIT is a high performance insulating material with excellent electrical characteristics. This material consists of mica paper which is pressed to mechanically strong boards using a heat resistant resin.

Application fields:
Machinery, plant and industrial furnace construction, asbestos substitute, electrical insulation, glass industry, in tools for press and injection moulding plants.

(1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
(2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
(3) Heat transmission calculations for this material can be requested from our Engineering department.

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