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C.F./P.I. 02862770100
Reg. Imprese 47463

C.C.I.A.A. 301289
Cap. Soc. € 10.400,00

HIGH TEMPERATURE DIELETTRIKGLASS HST

DielettrikGlass-HST is a Dielettrika laminate and has excellent mechanical properties at high temperatures, but does not meet UL 94 V-0. Thermal Endurance (UL 746 B) 210/210 (elektr/mech.)

Standard sizes

1828x914mm / 2445x1255mm

Thickness

0,8 - 51mm

Technical Values	Test method	Unit	DIELETTRIKGLASS-HST
Fibre reinforcement	-	-	mat
Specific gravity	-	g/cm ³	1,7
Standard colour	-	-	brown
Previous quality	-	-	1906
EN 60893/IEC 893 type	-	-	UPGM201
Nema-LI.1 designation	-	-	GPO-1
Bending strength (perpendicular)	ASTM D 790	MPa	131
Compressive Strength (perpendicular)	ASTM D 695	MPa	248
Tensile strength (parallel)	ASTM D 638	MPa	86
Electric strength at 90°C (perpendicular)	ASTM D 149 (Luft/Öl)	kV/mm	20 / 25
Breakdown voltage at 90°C (parallel)	ASTM D 149	kV/25mm	50
Comparative tracking index	UL 746A	(V)	500
Thermal conductivity	ASTM C 177	W/mK	0,25
Thermal endurance	UL 746 B	T.I.	210/210
Flammability	IEC 60707	-	-
Coefficient of linear expansion (parallel)	ASTM D 696	10-6K-1	20