



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
 INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: TurbolaminateGlassEpoxyLaminateGradeG-112993

Description: TurbolaminateGlassEpoxyLaminateGradeG-112993 is a fully cured silan finished glass cloth impregnated with epoxy resin and coated on one side with a B-stage epoxy resin. Turbolaminate 2993 has high electrical strength and gives good bonding on the coated side.

Availability: Laminates: Sheets: Rolls: English units: 22.5" maximum SI Units: 570mm maximum
 Fabricated Parts: TheGundCompany custom fabricates insulation materials to the exact specifications and drawings of our customers.

Key Characteristics:	Test Method	Units - English (SI)	Typical Values			
Nominal Thickness	DIN0863	in(mm)	.007(.2)	.01(.26)	.012(.31)	.014(.36)
Total Substance	IPV4	g/m ²	275 ±28	425 ±43	495 ±50	565 ±57
Glass Cloth	DIN0863	g/m	163 ±6	230 ±12	230 ±12	280 ±14
Coating	IPV18	g/m ²	25 ±8	25 ±8	25 ±8	25 ±8
Breakdown Voltage	IEC60243-1	kV	≥4	≥6	≥6	≥6

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