



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS

INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: Pregnit GGBE-R Glass Cloth Insulation

Description: Pregnit GGBE-R Glass Cloth material is used as slot filler material in the stator slot. It ensures dependable electrical contact between the electrically conducting corona protection coating of the winding bars and the slot wall.

Availability: Laminate Sheets: Thickness: English Units: 0.003" to 0.028" SI Units: 0.08 mm to 0.71 mm

Fabricated Parts: The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers

Key Characteristics	Test Method	Units - English (SI)	Typical Values
Tensile Strength, LW CW	ASTM D-638	psi (MPa)	≥ 15,295 (106) ≥ 25,492 (176)
Compressive Strength, LW	ASTM D-695	psi (MPa)	≥ 30,591 (211)
Flexural Strength, LW CW	ASTM D-790	psi (MPa)	> 30,591 (211) > 30,591 (211)
Relative Thermal Index	--	°C	155
Surface Resistivity	--	Ohm/Square	500 - 30,000

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