



MANUFACTURERS OF  
ELECTRICAL INSULATION MATERIALS

INSULATING COMPONENTS FOR  
POWER SYSTEMS EQUIPMENT

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## MATERIAL DATA SHEET

**Item:** Vetroferrit® Magnetic Laminate

**Description:** Vetroferrit® is a laminate based on epoxy resin and glass fabric with iron powder, approximately 70%, as an additive. Vetroferrit® is used for slot wedges in high-induction motors

<b>Availability:</b>	Laminate Sheets:	Thickness:	English Units 0.078" to 0.4"	SI Units 2 mm to 10 mm
		Sheet Sizes:	42" x 46"	107 cm x 117 cm

**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
Standard Color	--	--	Grey/Black
Density	--	lbs./in. <sup>3</sup> (g/cc)	0.126 (3.5)
Flexural Strength, Room Temp. 150°C	ISO 178	psi (MPa)	26,105 (180) 21,755 (150)
Modulus of Elasticity, 23°C 150°C	ISO 178	psi (MPa)	2,175,566 (15,000) 1,522,896 (10,500)
Thermal Class	--	--	Class F - 155°C
Glass Transition Temperature	IEC 1006	°C	> 150
Volume Resistivity	ISO 178	Ω mm <sup>2</sup> /m	> 1.0E+6

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