



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS

INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: MAGNOVAL® 2067 Magnetic Laminate

Description: MAGNOVAL® is a magnetic laminate that consists of glass cloth, iron powder, and an epoxy based resin system. It possesses excellent magnetic conductivity combined with high mechanical strength. This material is commonly used for the fabrication of slot wedges for high-voltage induction motors.

Availability: Laminate Sheets: Thickness: English Units: 0.078" to 0.4" SI Units: 2 mm to 10 mm
Sheet Sizes: 33" x 40", 37" x 78" 83 cm x 101 cm, 93 cm x 198 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
Density	--	lbs./in. ³ (g/cc)	0.126 (3.5)
Resin System	--	--	Epoxy
Iron Content, Approximate	--	%	75
Glass Content, Approximate	--	%	7
Resin Content, Approximate	--	%	18
Flexural Strength, 23°C 150°C	ASTM D-790	psi (MPa)	21,000 (145) 17,000 (117)
Heat Resistance	--	--	Class F - 155°C

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