

THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	Low Shrink Black (
Description:	This is a high strength material with excellent machining qualities exceeding the requirements of generator OEM specifications. Given its dimensional stability when exposed to high temperature, low abrasion, and high bond strength, this material is perhaps the best generator wedge material on the market.						
Availability:			English Units (in)	SI Units (mm/cm)			
	Laminate Sheets:	Thickness:	.125 to 2.5	.2 to 101.6 (mm)			
	Laminate Sheets.	Sheet Sizes:	36 x 48, 39 x 48, 48 x 48	91.4 x 122, 99 x 122, 122 x 122 (cm)			
	Fabricated Parts:		npany custom fabricates insulation n of our customers.	naterials to the exact specifications			

Key Characteristics			Test Method	Units - English (SI)	Typical Values
Tensile Strength Lengthwise Crosswise		ASTM D-638	psi (MPa)	10,000 (69) 12,000 (83)	
Compressive Strength (Flat-wise)			ASTM D-695	psi (MPa)	37,000 (255)
I Flexural Strength (25)		Lengthwise Crosswise	ASTM D-790	psi (MPa)	20,000 (138) 12,000 (83)
IZOD Impact Strength		Lengthwise Crosswise	ASTM D-256	ftIbs./in.	2.0 3.0
Rockwell Hardness				M Scale	105
Temperature Rating				°C	Class B - 130
	1 we	ek at 125 °C			0.5
Shrinkage	2 weeks at 125 °C			%	0.6
	3 weeks at 125 °C				0.8
Water Absorption	(.125") (.50")		ASTM D-570	%	2.0
					1.0
Bond Strength			ASTM D-229	lbs. (kg)	2,000 (909)

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