



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

Post Bake Black Canvas

Item:	Post Bake Black Canvas (PBBC)		
Description:	This material is identical to NEMA Grade C Regular, with the only difference being an additional 8 hour "Post Bake Cycle". The purpose of this Post Bake Cycle is to ensure all uncured or partially cured resin becomes completely cured. Meets GE Material Specification A19B15B1 and MIL-I- 24768/16		
Availability:	Laminate Sheets:	Thickness:	English Units (in) 0.062 - 2.5 SI Units (mm/cm) 1.6 - 64 (mm)
		Sheet Size:	36 x 48 / 48 x 48 91.4 x 122 / 122 x 122 (cm)
	Fabricated Parts:	The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers.	

Key Characteristics		Test Method	Units - English (SI)	Typical Values
Tensile Strength	CW, Condition A	ASTM D-638	psi (MPa)	9,700 (67)
	LW, Condition A			12,000 (83)
Compressive Strength Flatwise, Condition A		ASTM D-695	psi (MPa)	35,000 (241)
Flexural Strength	CW, Condition A	ASTM D-790	psi (MPa)	18,000 (124)
	LW, Condition A			
IZOD Impact Strength Condition E-48/50, (1/2")	CW, Edgewise	ASTM D-256	ft. -lbs./in.	2.02
	LW, Edgewise			2.35
Rockwell Hardness .062", .125", 1/4" Build up		ASTM D-785	M Scale	100
Temperature Rating		--	°C	Class B - 130
Shrinkage	1 week at 125 °C	--	%	0.5
	2 weeks at 125 °C			0.6
	3 weeks at 125 °C			0.8
Water Absorption	0.062"	ASTM D-570	%	3.4
	0.125"			1.8
	0.50"			0.8
Bond Strength	Condition A	ASTM D-229	16 (Kg)	2,700 (1,224)
	Condition D-48/50			2,400 (1,088)
Flammability Rating	Condition A	UL 94	Class	HB
Breakdown Voltage	Condition A (.062")	ASTM D-149	kV	55
Electric Strength	Condition A (.062")	ASTM D-149	V/mil (kV/mm)	527 (21)

Data supplied above are typical values and are not to be considered specification values. All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the contemplated application, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.