



Spaulding ENGINEERING DATA SHEET

GRADE: SPAULDITE® G-10-888 LAMINATE SHEET

Reprint of: _____ Issued: 0815

Spauldite® Grade G-10-888 is an engineered glass woven fabric reinforced epoxy resin, high-pressure laminate. G-10-888 exceeds the requirements of NEMA G-10, MIL-P-181777 and Federal Specification LP 509.

PROPERTY CHARACTERISTICS

PROPERTY	ASTM TEST METHOD	CONDITIONING & TYPE OF TEST	THICKNESS INCHES	AVERAGE TYPICAL VALUES		INDUSTRY REQUIREMENTS	
				ENGLISH	SI	ENGLISH	SI
MECHANICAL							
Compressive Strength (Flatwise)	D-229	A	.125	55.0 ksi	380.3 MPa	NR	NR
Flexural Strength	D-229	A Lengthwise Crosswise	.125	61.8 ksi	426.1 MPa	≥ 60.0 ksi	MPa ≥ 413.7
			.125	58.1 ksi	400.6 MPa	≥ 50.0 ksi	≥ 334.7
Izod Impact Edgewise Notched	D-256	E-48/50 Lengthwise Crosswise	.125	10.4 ft-lbs/in	.55 J/mm	≥ 10.0 ft-lbs/in	≥ .53 J/mm
			.125	9.9 ft-lbs/in	.52 J/mm	≥ 6.3 ft-lbs/in	≥ .34 J/mm
PHYSICAL							
Density	D-792	A	All	.069 lbs/in ³	1.91 g/cm ³	NR	NR
Water Absorption	D-229	D-24/23	.125	0.05%	0.05%	≤ 0.25%	≤ 0.25%
Hardness	D-229	A	.125	111	111	NR	NR

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