



Ethafoam Technical Data

Physical • Thermal • Electrical Properties

Property	Test Method	Value	Unit
Comprehensive Strength- Vertical Direction	ASTM D3575-93	5.2	psi
	Suffix D @ 25%/50%	13.4	
Compression Set	ASTM D3575-93 Suffix B	16	%
Tensile Strength	ASTM D3575-93	44	psi
	Suffix T MD / CMD	26	
Elongation	ASTM D3575-93	79	%
	Suffix T MD / CMD	65	
Tear Resistance	ASTM D3575-93	10	lb/in
	Suffix G MD / CMD	15	
Density Range	ASTM D3575-93	1.6 - 1.9	lb/ft ³
Water Absorption	ASTM D3575-93 Suffix L	< 0.1	lb/ft ²
Thermal Stability	ASTM D3575-93 Suffix S	< 5%	
Contact Corrosivity (Alum. Plate)	Method 3005 FED STD 101	None	
Static Decay (Anti-Static Grade)	EIA STD. 541 Appendix F	< 2 sec	
Surface Resistivity (Anti-Static Grade)	EIA STD. 541 Section 4.3	1.0 x 10 ⁹ - 1.0 x 10 ¹²	
Thermal Conductivity K-Value (BTU-IN/HR-FT ² -°F)	ASTM C518-91	0.35 - 0.42	
Thermal Resistance R-Value (HR-FT ² -°F/BTU)	ASTM C518-91	1.30 - 1.60	