

Technical Information

Ethafoam® 220 FR / FR-AS Flame-Retardant /Anti-Static Polyethylene Foam

Physical Properties *	Test Method	Values
Density (lb/ft ³)	ASTM D3575 -08 Suffix W, method B	2.2
Compressive Strength (psi) @ 10% / 25% / 50%	ASTM D3575-08 Suffix D	8 / 10 / 18
Compression Set (%)	ASTM D3575-08 Suffix B	< 20
Compression Creep @ 2.5 psi - 1000 hrs.	ASTM D3575-08 Suffix BB	< 10
Tensile Strength (psi)	ASTM D3575-08 Suffix T	31
Tear Resistance (lb/in)	ASTM D3575-08 Suffix G	10
Cell Size (mm)	ASTM D3576 Modified	1.5
Water Absorption (lb/ft ²)	ASTM D3575-08 Suffix L	< 0.3
Thermal Conductivity (k-value) (BTU-IN / HR-FT ² - °F)	ASTM C518	0.43
Thermal Resistance (R-value) (HR-FT ² - °F / BTU)	ASTM C518	2.3
Static Decay (sec.) (Antistatic grade)	EIA STD 541 Appendix F	< 2
Surface Resistance (ohms/ sq.) (Antistatic grade)	ESD-S11.11-1993	1.0 x 10 ⁹ – 1.0 x 10 ¹³
Fire Test Response Characteristic - vertical 12 sec. burn test	14 CFR Part 25.853 (a)	Pass

*The data presented for this product is for unfabricated Sealed Air Corporation Ethafoam® product.
While values shown are typical of this product, they should not be construed as specification limits.



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