



Material Specification Sheet

Material Number: 17220

Description: 1.6 lbs. / ft.³ Flexible Polyether Urethane Sound Absorption Foam

Applications: 17220 is primarily used for sound absorption and cushioning.

Product Construction: Open-Cell Polyether Polyurethane Foam

Typical Physical Properties:

Property	Test Method	Value
Density	ASTM D 3574	1.4 – 1.76* lbs. / ft. ³ , certified
Tensile Strength	ASTM D 3574	10 psi min.
Tear Strength	ASTM D 3574	1.0 pli min.
Elongation	ASTM D 3574	100% min.
Flammability	FMVSS302	Certified
Service Temperature Range	Continuous	-40°F to 250°F (-40°C to 121°C)
Color	N/A	Charcoal
Latex Content**		N/A

*Max density for flame laminated products is 2.1 / ft.³.

**Latex is not a known ingredient.

Acoustical Properties:

Sound absorption coefficients given below were obtained by testing per ASTM C 423.

Thickness	Frequency					
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.5"	0.03	0.12	0.24	0.39	0.49	0.49
1"	0.15	0.22	0.47	0.60	0.63	0.71
2"	0.15	0.46	0.86	0.98	0.96	1.04

The data, including flammability ratings, presented in this Material Specification Sheet is for reference only and reflects typical properties and characteristics obtained under controlled test conditions. FFT excludes any expressed or implied warranties of fitness for a particular application or purpose. The user has the responsibility to determine fitness for use and assumes all risk and liability for that particular application. The data reflected in this bulletin is subject to change. Please contact FFT to verify current status.