



## Material Specification Sheet

**Material Number:** 17610

**Description:** 2 lbs. / ft.<sup>3</sup> Flexible Polyether Urethane Sound Absorption Foam

**Applications:** 17610 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	1.8 – 2.2 lbs. / ft. <sup>3</sup> , certified
25% Indentation Force Deflection	ASTM D 3574	26 lb. (115 N) min., certified
Tensile Strength	ASTM D 3574	9 psi min.
Tear Strength	ASTM D 3574	1.0 pli min.
Elongation	ASTM D 3574	140% min.
Flammability	UL94 HF-1 FMVSS302	Certified @ 3mm min. Certified
Service Temperature Range	Continuous	-40°F to 250°F (-40°C to 121°C)
Color	N/A	Charcoal

### 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	0.08	0.17	0.33	0.53	0.77
1"	0.06	0.16	0.39	0.70	0.90	0.96
2"	0.15	0.43	0.98	1.14	1.07	1.02

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