



## Material Specification Sheet

**Material Number:** 16220

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

**Applications:** 16220 is primarily used for sound absorption, cushioning, vibration damping, and thermal insulation.

**Product Construction:** Open-Cell Polyester Polyurethane Foam

### Typical Physical Properties:

Property	Test Method	Value
Classification	MIL-PRF-26514	Type I, Class II, Grade C
Density	ASTM D 3574	1.8 – 2.2 lbs. / ft <sup>3</sup> , certified
Compression Set	ASTM D 3574	15% max
Tensile Strength	ASTM D 3574	15 psi min.
Elongation	ASTM D 3574	160% min.
Flammability	UL94 HF-1 FMVSS302	Certified @ 2.5 mm
25% Compression Force Deflection	ASTM D 3574	0.4 psi min, certified
Tear Strength	ASTM D 3574	1.0 pli min.
Recommended Temperature Range	N/A	-40°F to 250°F (-40°C to 121°C)
Latex Content*	N/A	*Latex is not a known ingredient.

### Typical 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	0.09	0.18	0.47	0.91	0.87
1"	0.06	0.18	0.66	1.03	0.78	0.91
2"	0.016	0.42	1.10	0.94	1.04	0.97

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