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1.8# Grey Ether

Typical Physical Properties

Physical Property	Minimum Values	Average Results
Density		1.80 ± 10% lbs/ft ³
Tensile Strength	12.0 psi	25.0 psi
Elongation	140%	250%
Indentation Force Deflection		
<i>25% Deflection</i>	30 lbs/50 in ²	40 lbs/50 in ²
<i>65% Deflection</i>	50 lbs/50 in ²	70 lbs/50 in ²
Retention of Tensile Strength		
<i>5 hrs @ 120°C, Steam Autoclave</i>	70% min	70% min
Retention of Tensile Strength		
<i>22 hrs @ 140°C, Dry Heat Aging</i>	70% min	70% min
Flammability		
<i>FMVSS 302</i>	Pass	Pass
<i>UL94 HF-1</i>	Pass	Pass
Temperature Range		-40° to 285°F
Antimicrobial Testing, ASTM G21		Pass Rating: 0

Acoustical Properties: One Inch Foam

1/3 Octave Center Frequency (Hz)	Absorption Coefficient (Sabins/ft ²)	Total Absorption in Sabins
100	0.03	2.59
125	0.10	7.40
160	0.12	9.00
200	0.13	9.87
250	0.24	18.56
315	0.34	26.34
400	0.39	29.95
500	0.59	45.41
630	0.69	53.45
800	0.81	62.64
1000	0.94	72.48
1250	1.02	79.17
1600	1.03	79.94
2000	1.00	76.95
2500	0.94	72.88
3150	0.95	73.43
4000	1.02	78.80
5000	1.04	80.22

SAA: 0.68

NRC: 0.70

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