TECHNICON ACOUSTICS
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PRODUCT: TECH DAMP FD-100 REV053117

PRODUCT DESCRIPTION: TECH DAMP FD-100 Vibration Damping material is a constrained layer damping foam composite with pressure sensitive adhesive on the back.

DAMPING BASE

Physical Property	Description - Value
Material	Constrained Layer Damping Foam
Color	Silver
Density	.207 g/cc, .22lbs/sq.ft Areal Density
Thickness	.130"
Service Temperature	-40ºF to 250ºF (-40 ºC to 70 ºC)
Chemical Resistance	Excellent for most acids, mild alkalis, oils and grease
Flammability	Passes FAR 25.853(a) and UL-HBF

DAMPING PERFORMANCE to ASTM E756 (Resonance 2 through 4 Average)

Temperature	-18 C, 0 F	-9 C 18 F	0 C 32 F	9 C 48 F	18 C 64 F	27 C 81 F	36 C 97 F	45 C 113 F	54 C 129 F
Average Loss Factor	0.038	0.058	0.12	0.23	0.41	0.92	0.44	0.86	0.74

Compliance Features:

- Meets the Requirements of RoHS through June 2013 Revision of SVHC (Restriction of Hazardous Substances European Union Directive – 2002/95/EC)
- Compliant with European Union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)

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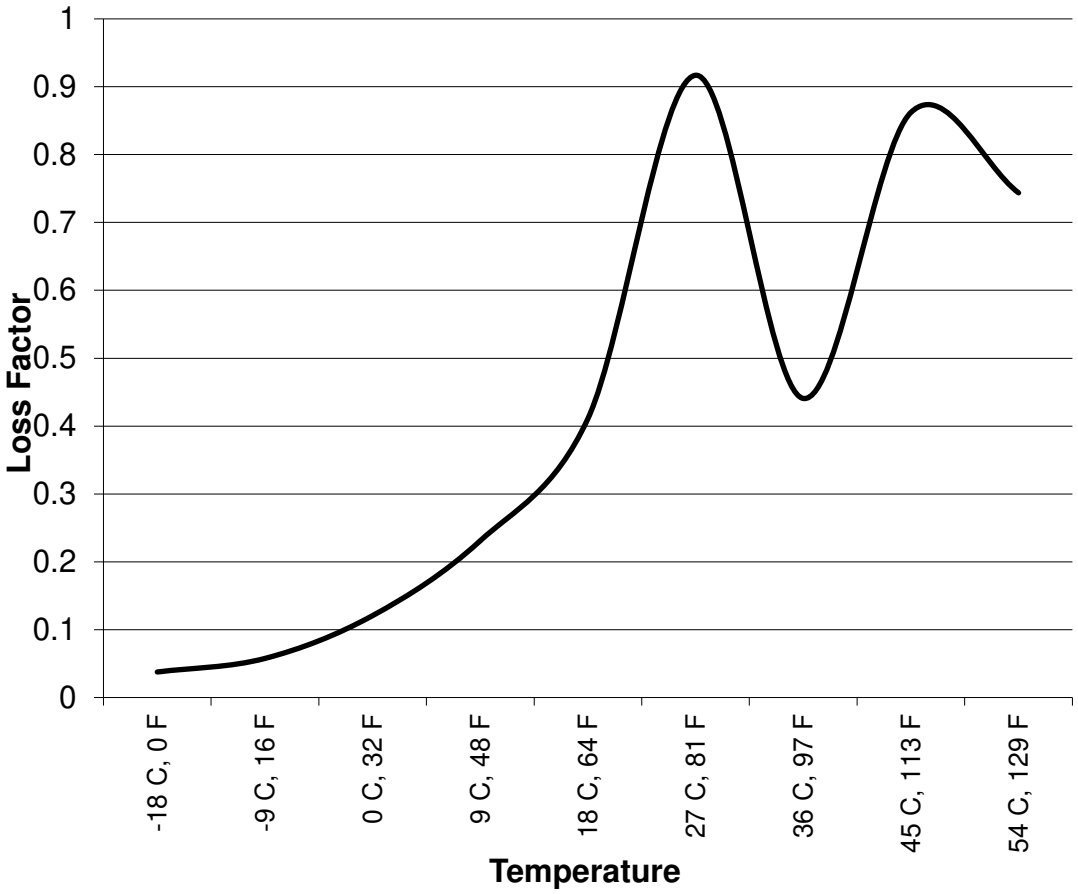
Average Damping Loss Factor

SAE Bar



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