

technical data sheet for Soft Sound® Class A™ Studio Foam

Physical Property	Value	Test Standard
Material	Melamine	n/a
Density	0.7 lbs/ft ³	ASTM D 3574-83
I.F.D.	@ 25% compression = 82 lbf @ 75% compression = 356 lbf	ASTM D 3574-83
Compression Sets	@ 50% = 6.2% @ 75% = 8.5% @ 90% = 14.4%	ASTM D 3574-83
Light Resistance (2 days UV)	no yellowing or pulverulence	n/a
Thermal Conductivity	@ 68°F = 0.25 Btu in/h ft ² °F	ASTM C 518
Thermal Conductivity	@ 68°F = 0.25 Btu in/j ft ² °F	ASTM C 177
Surface Flammability	flame spread factor: 6.7 heat evolution factor: 3.5 flame spread index: 22.9	ASTM E 162-83
Flammability	passes	FMVSS 302
	passes (category 1 busses)	UTAC
	passes	UL 94 HBF
	passes	UL 94 HF1
	passes	UL 94 VO
	passes (class A)	ASTM E 84
	passes	FAR 25.853

The information contained herein is typical and based upon the results of controlled laboratory tests. The information is accurate to the best of American Micro Industries, Inc.'s knowledge. Product performance may vary based on the particular application and installation techniques utilized.