



FloorMuffler® Material Specifications

Property	Result	Method
Material Type:	Closed cell Polypropylene foam with Advanced Cell Technology™	
Thickness:	.080" (2mm)	
R Value:	(3) ft ² - F-hr/BTU-in	
Moisture Vapor Transmission Rate (MVTR):	0.50 lbs. per 1000 sq. ft per 24 hours	ASTM E-96
Compressive Strength:	> 11 lbs/in ²	ASTM D-3575
Tensile Strength (MD):	MD ≥ 125 lbs/in ²	ASTM D-3575
Tensile Strength (TD):	TD ≥ 100 lbs/in ²	ASTM D-3575
Elongation (MD):	MD ≥ 160%	ASTM D-3575
Elongation (TD):	TD ≥ 160%	ASTM D-3575
Tear Strength (MD):	MD > 300 lbs/ft	ASTM D-3575
Tear Strength (TD):	TD > 370 lbs/ft	ASTM D-3575
Impact Isolation Class (IIC):	74	ASTM E-492-04
Sound Transmission Class (STC):	73	ASTM 90-02