

**ACC Magnifoam™ MF1-9575™ MTI Silicones Silicone Foam**

Category : Polymer , Thermoset , Silicone , Silicone Foam

**Material Notes:**

Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ACC-Magnifoam-MF1-9575-MTI-Silicones-Silicone-Foam.php](http://www.lookpolymers.com/polymer_ACC-Magnifoam-MF1-9575-MTI-Silicones-Silicone-Foam.php)

Physical Properties	Metric	English	Comments
Density	0.152 g/cc	0.00550 lb/in <sup>3</sup>	ASTM D1056

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	0.117 MPa	17.0 psi	ASTM D412
Elongation at Break	100 %	100 %	ASTM D412
Compression Set	0.00 %	0.00 %	at 50%, 22 hrs @ 70°C; ASTM D1056
	0.00 %	0.00 %	at 50%, 22 hrs; ASTM D1056
	@Temperature 100 °C	@Temperature 212 °F	

Thermal Properties	Metric	English	Comments
Flammability Test	<= 25	<= 25	ASTM E162/D 3675
Smoke Density	1.5 min	1.5 min	<20; ASTM E662
	4.0 min	4.0 min	<50; ASTM E662

Descriptive Properties	Value	Comments
Durability	0% Height Loss	Jounce & Squirm (1,000,000 cycles)
IFD, lbs	75	ASTM S3574 B1 @ 1" thick
Noise Reduction-Coefficient	0.65	ASTM C423-90a
Thermal Resistance, ft <sup>2</sup> -h/BTU	2.7	ASTM C518
Toxic Gas Emission	Pass	Bombardier SMP 800C
Vertical Flammability	Pass	FAR25.83(a)(1)(i) 12sec
	Pass	FAR25.83(a)(1)(i) 60sec

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