

## Rogers Corporation Bisco® A2 R 1.0 Engineered Solid Silicone Mass Layer, Fiberglass Reinforced Sound Barrier

Category : Polymer , Thermoset , Silicone , Silicone, Molded, Glass Fiber Filled

### Material Notes:

BISCO® A2 Fiberglass Reinforced Sound Barrier provides a similar level of sound absorption and flame resistance as the non-reinforced A2 Sound Barrier with the addition of increased tensile and tear strength obtained from the embedded fiberglass. A2 is light gray in color. Applications: Aircraft acoustic insulation Noise reduction liner for interior panels Aircraft flooring noise barrier Rail Interior noise blocker Information provided by Rogers Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Rogers-Corporation-Bisco-A2-R-10-Engineered-Solid-Silicone-Mass-Layer-Fiberglass-Reinforced-Sound-Barrier.php](http://www.lookpolymers.com/polymer_Rogers-Corporation-Bisco-A2-R-10-Engineered-Solid-Silicone-Mass-Layer-Fiberglass-Reinforced-Sound-Barrier.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	without reinforcement; ISO 7619
Tensile Strength	25.0 MPa	3630 psi	fill; ISO 37 Type 2
	35.0 MPa	5080 psi	wrap; ISO 37 Type 2
Tear Strength	20.0 kN/m	114 pli	ISO 4674-1 Method B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	180 °C	356 °F	
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	

Descriptive Properties	Value	Comments
Areal density	0.1 g/cm <sup>2</sup>	ISO 2286-2
Flammability Test	Pass	FAR 25.853a and FAR 25.856 (a) (AITM 2.0053)
Polymer Type	wrap/fill	
Smoke Density (min)	Passes smoke gas components test AITM 3.0005	FAR 25.853 (a-1) (AITM 2.0007)

## Contact Songhan Plastic Technology Co.,Ltd.

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