

Arlon R38026B017 0.017" (0.432 mm) Uncured/Cured Silicone Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction: Side 1: Cured Silicone Rubber Substrate: Style 1165 Fiberglass Side 2: Uncured Silicone Rubber Interleave: LDPE This data represents typical values for the production material. The data should not be used to write, or in place of, material specifications. Information provided by Arlon, Silicone Technologies Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-R38026B017-0017-0432-mm-UncuredCured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	63.5 microns	2.50 mil	Side 1; Arlon SQA-TMS-003
	76.2 microns	3.00 mil	Interleave
	140 microns	5.50 mil	Substrate; Arlon SQA-TMS-003
	229 microns	9.00 mil	Side 2; Arlon SQA-TMS-003
	432 microns	17.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	Silicone Property; ASTM D2240
Tensile Strength	5.17 MPa	750 psi	Silicone Property; ASTM D412
Elongation at Break	252 %	252 %	Silicone Property; ASTM D412
Tear Strength	12.8 kN/m	73.0 pli	Die B, Silicone Property; ASTM D624
Peel Strength	0.263 kN/m	1.50 pli	Bond Strength (S2 to S2); Arlon SQA-TMS-011

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	Recommended Cure Cycle
	@Pressure 0.345 MPa, Temperature 177 °C	@Pressure 50.0 psi, Temperature 350 °F	

Processing Properties	Metric	English	Comments
Shelf Life	3.00 Month	3.00 Month	From date of manufacture
	@Temperature 7.22 °C	@Temperature 45.0 °F	

Descriptive Properties	Value	Comments
Color	Black	
	Black	Substrate
	Gray	Substrate
Total Product Weight (oz/yd2)	18.3	Arlon SQA-TMS-025

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China