

Arlon 19606R025 0.025" Uncured/Cured Silicone Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction: Side 1: Cured Silicone Rubber Substrate: Prime Coated 1523 Fiberglass Side 2: Uncured Silicone Rubber Interleave: 0.003" Polyethylene This data represents typical values for the production material and should not be used as material specifications. Information provided by ARLON Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-19606R025-0025-UncuredCured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	102 microns	4.00 mil	Side 1; Arlon SQA-TMS-003
	178 microns	7.00 mil	Side 2; Arlon SQA-TMS-003
	356 microns	14.0 mil	Substrate; Arlon SQA-TMS-003
	635 microns	25.0 mil	Overall Thickness; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	Silicone Property
Tensile Strength	6.89 MPa	1000 psi	Silicone Property
Elongation at Break	375 %	375 %	Silicone Property
Peel Strength	>= 1.05 kN/m	>= 6.00 pli	Bond Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Recommended post Cure Cycle
	@Temperature 204 °C	@Temperature 400 °F	

Processing Properties	Metric	English	Comments
	@Pressure 0.345 MPa, Temperature 177 °C	@Pressure 50.0 psi, Temperature 350 °F	Recommended Cure Cycle
Shelf Life	6.00 Month	6.00 Month	
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	27.1	
Uncoated Fabric Break Strength (lb/in)	300	Fill Direction; Substrate Property
	450	Warp Direction; Substrate Property

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