

Arlon R35366X020 0.020" (0.508 mm) Uncured/Cured Silicone Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction: Interleave: Polyethylene Side 2: Uncured Silicone Rubber Substrate: Style 7628 Fiberglass Side 1: Cured Silicone Rubber Appearance: Gray gum on glass fiber fabric 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-R35366X020-0020-0508-mm-UncuredCured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	Silicone Property, Side 1; Arlon SQA-TMS-024
	1.23 g/cc	0.0444 lb/in ³	Silicone Property, Side 2; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Interleave
	102 microns	4.00 mil	Side 1
	203 microns	8.00 mil	Side 2
	203 microns	8.00 mil	Substrate
	508 microns	20.0 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	43	43	Silicone Property, Side 2; ASTM D2240
	45	45	Silicone Property, Side 1; ASTM D2240
Tensile Strength	5.34 MPa	775 psi	Silicone Property, Side 2; ASTM D412
	6.21 MPa	900 psi	Silicone Property, Side 1; ASTM D412
Elongation at Break	325 %	325 %	Silicone Property, Side 1; ASTM D412
	425 %	425 %	Silicone Property, Side 2; ASTM D412
Peel Strength	2.19 kN/m	12.5 pli	Bond Strength; ASTM D624

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

Thermal Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	Recommended Cure Cycle
	@Temperature 177 °C	@Temperature 350 °F	
	120 min	2.00 hour	Recommended Postcure Cycle
	@Temperature 204 °C	@Temperature 400 °F	
Shelf Life	6.00 Month	6.00 Month	From date of manufacture
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Gray	
Total Product Weight (oz/yd2)	20.6	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