

Arlon 45561R007 0.007"(0.178 mm) Uncured Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction:Side 1: Uncured RubberSide 2: Uncured RubberAppearance: Red silicone gum on fiberglass fabricThis 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-45561R007-00070178-mm-Uncured-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	38.1 - 76.2 microns	1.50 - 3.00 mil	Side 1
	38.1 - 76.2 microns	1.50 - 3.00 mil	Side 2
	76.2 microns	3.00 mil	Polyethylene Interleave
	76.2 microns	3.00 mil	Prime Coated 113 Fiberglass, Substrate
	165 - 203 microns	6.50 - 8.00 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 50	40 - 50	Compound Property
Tensile Strength	5.58 - 6.83 MPa	810 - 990 psi	Compound Property
Elongation at Break	540 - 660 %	540 - 660 %	Compound Property
Peel Strength	>= 0.877 kN/m	>= 5.00 pli	[ppi], Bond Strength

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

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

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	

Processing Properties	Metric	English	Recommended Postcure Cycle Comments
Shelf Life	6.00 Month @ Temperature <=23.9 °C	6.00 Month @ Temperature <=75.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	9.25 - 10.25	
Uncoated Fabric Break Strength	150 lb/in	Warp Direction, Substrate Property
	70 lb/in	Fill 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