

Arlon 47573R007 0.0075" (0.190 mm) Cured Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Design/Construction:Side 1: Cured RubberSide 2: Cured Rubber 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-47573R007-00075-0190-mm-Cured-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	>= 50.8 microns	>= 2.00 mil	Side 1
	>= 50.8 microns	>= 2.00 mil	Side 2
	76.2 microns	3.00 mil	Polyethylene Interleave
	88.9 microns	3.50 mil	Prime Coated 2113 Fiberglass, Substrate
	165 - 216 microns	6.50 - 8.50 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 50	40 - 50	Compound Property
Tensile Strength	>= 5.52 MPa	>= 800 psi	Compound Property
Elongation at Break	>= 500 %	>= 500 %	Compound Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
UL RTI, Electrical	200 °C	392 °F	per UL Card E54153
UL RTI, Mechanical without Impact	220 °C	428 °F	per UL Card E54153
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 Postcure Cycle

Processing Properties	@Temperature 204 °C Metric	@Temperature 400 °F English	Comments
Shelf Life	12.0 Month	12.0 Month	From date of manufacture
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	7.7 - 9.5	
Uncoated Fabric Break Strength	195 lb/in	Warp Direction, Substrate Property
	75 lb/in	Fill Direction, Substrate Property

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