

## Arlon 47561R007 0.0075" (0.190 mm) Uncured Rubber

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

### Material Notes:

Design/Construction: Side 1: Uncured Rubber Side 2: Uncured Rubber Appearance: Red silicone gum on fiberglass 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-47561R007-00075-0190-mm-Uncured-Rubber.php](http://www.lookpolymers.com/polymer_Arlon-47561R007-00075-0190-mm-Uncured-Rubber.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
Peel Strength	>= 0.877 kN/m	>= 5.00 pli	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	120 min	2.00 hour	Recommended Postcure Cycle
	@Temperature 204 °C	@Temperature 400 °F	
	15.0 min	0.250 hour	

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

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

## Contact Songhan Plastic Technology Co.,Ltd.

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