

Arlon 910-10Rxx-P1 0.010" Cured, Self-Fusing Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

1.0 inch wide, 0.010" thick, red, rectangular cross-section, silicone self-fusing tape. Product is supplied in various yard long roll lengths as indicated by the xx characters in the part number. Design/Construction: Rubber: Cured self-fusing silicone rubber Cross-section: 1.0" wide rectangular Interleave: 2.5 mil 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-910-10Rxx-P1-0010-Cured-Self-Fusing-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	Silicone Compound Property; Arlon SQA-TMS-024
Thickness	254 microns	10.0 mil	Rubber; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	56	56	Silicone Compound Property; Arlon SQA-TMS-014
Tensile Strength	8.260 MPa	1198 psi	Product Property; Arlon SQA-TMS-048
	8.69 MPa	1260 psi	Silicone Compound Property; Arlon SQA-TMS-009
Elongation at Break	439 %	439 %	Silicone Compound Property; Arlon SQA-TMS-009
	536 %	536 %	Product Property; Arlon SQA-TMS-048
Peel Strength	0.351 kN/m	2.00 pli	Bond Strength; Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	204 °C	400 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	34.8 kV/mm	885 kV/in	Arlon SQA-TMS-020

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Processing Properties	@Temperature 21.1 °C Metric	@Temperature 70.0 °F English	Comments
Descriptive Properties	Value		Comments
Color	Red		

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