

Arlon LW201C##FR-P0 Silicone Rubber

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

Material Notes:

Triangular cross section of self-fusing silicone tape. Interleave: 3 mil PE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-LW201CFR-P0-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	Arlon SQA-TMS-024
Thickness	508 microns	20.0 mil	overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	ASTM D2240
Tensile Strength, Ultimate	4.21 MPa	610 psi	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
Adhesive Bond Strength	0.0221 MPa	3.20 psi	Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Strength	18.3 kV/mm	465 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 21.1 °C	12.0 Month @Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Char length (inches)	0.2	FAR 25.853 App.F, P.1.,Aii
Color	Brown	
Flame and Glow Resistance (seconds)	5	FAR 25.853 App.F, P.1.,Aii

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