

Arlon R34332X039 0.039" (0.991 mm) Fully Cured/Unsupported

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Overall: Fully cured/unsupported 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-R34332X039-0039-0991-mm-Fully-CuredUnsupported.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Polyethylene, Interleave
	889 - 1090 microns	35.0 - 43.0 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60 - 70	60 - 70	Compound Property
Tensile Strength	>= 2.07 MPa	>= 300 psi	Compound Property
Elongation at Break	>= 60 %	>= 60 %	Compound Property

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.850 - 1.05 W/m-K	5.90 - 7.29 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability, UL94	V-1	V-1	

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

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	From date of manufacture

Descriptive Properties	Value	Comments
Color	Slate Gray	
Total Product Weight (oz/yd ²)	65 - 81	

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