

Arlon 19563R032 0.032" Cured Silicone Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Silicone , Silicone, Molded, Glass Fiber Filled

Material Notes:

Design/Construction:Side 1: Cured Silicone RubberSubstrate: Style 1523 FiberglassSide 2: Cured Silicone RubberInterleave: 2.5 mil PolyethyleneThis 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-19563R032-0032-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	203 microns	8.00 mil	Side 2; Arlon SQA-TMS-003
	254 microns	10.0 mil	Side 1; Arlon SQA-TMS-003
	356 microns	14.0 mil	Substrate; Arlon SQA-TMS-003
	813 microns	32.0 mil	Overall Thickness; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	Silicone Property; Arlon SQA-TMS-014
Tensile Strength	5.52 MPa	800 psi	Silicone Property; Arlon SQA-TMS-008
Elongation at Break	500 %	500 %	Silicone Property; Arlon SQA-TMS-008

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd ²)	12.7	Arlon SQA-TMS-025

Descriptive Properties	Value	Comments
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