

Arlon 55173R062 0.0622" (1.58 mm) Cured Silicone Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction: Interleave: Polyethylene Layer 2: Cured Silicone Rubber Substrate: Style 162 Fiberglass Layer 1: Cured Silicone Rubber Product Use: Press Pad Appearance: Red silicone rubber on fiberglass cloth 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-55173R062-00622-158-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	74.9 microns	2.95 mil	Interleave
	478 microns	18.8 mil	Substrate; Arlon SQA-TMS-003
	551 microns	21.7 mil	Side 1; Arlon SQA-TMS-003
	551 microns	21.7 mil	Side 2; Arlon SQA-TMS-003
	1580 microns	62.2 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	Silicone Property; ASTM D2240
	75	75	Product Property; ASTM D2240
Tensile Strength	8.07 MPa	1170 psi	Silicone Property; ASTM D412
Elongation at Break	682 %	682 %	Silicone Property; ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 °C	572 °F	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	From date of manufacture
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Naturally White Value	Substrate Comments
	Red	
Total Product Weight (g/m2)	2047	Arlon SQA-TMS-025

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