

Arlon R37152W062 0.062" (1.57 mm) Cured Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Side 1: Cured Silicone Rubber This data Represents typical values for the production material. The data should not be used to write, or in place of, material specificationsInformation provided by Arlon, Silicone Technologies Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-R37152W062-0062-157-mm-Cured-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.531 g/cc	0.05531 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	1570 microns	62.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	Silicone Property; ASTM D2240
Tensile Strength	4.83 MPa	700 psi	Silicone Property; ASTM D412
Elongation at Break	200 %	200 %	Silicone Property; ASTM D412
Compression Set	5.0 % @Temperature 149 °C, Time 79200 sec	5.0 % @Temperature 300 °F, Time 22.0 hour	Arlon SQA-TMS-017

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

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 23.9 °C	12.0 Month @Temperature 75.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Off White	
Total Product Weight (oz/yd ²)	71	Arlon SQA-TMS-025

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