

Arlon 10842S020 0.020" (0.508 mm) Fully Cured, Unsupported, Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Side 1: Fully Cured, Unsupported, Silicone Rubber Appearance: Dark red silicone rubberThis 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-10842S020-0020-0508-mm-Fully-Cured-Unsupported-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Polyethylene Interleave
	457 - 559 microns	18.0 - 22.0 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35 - 45	35 - 45	Compound Property
Tensile Strength	>= 6.89 MPa	>= 1000 psi	Compound Property
Elongation at Break	>= 700 %	>= 700 %	Compound Property
Tear Strength	>= 35.1 kN/m	>= 200 pli	Compound Property
Compression Set	<= 28 %	<= 28 %	Compound Property

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

Descriptive Properties	Value	Comments
Color	Saddle Brown	
Total Product Weight (oz/yd2)	14.8-18.8	

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