

Arlon 10842S090 Fully Cured, Unsupported Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Product Color: Saddle Brown Interleave: 0.003" Polyethylene This 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-10842S090-Fully-Cured-Unsupported-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Thickness	2290 microns	90.0 mil	Overall

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

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

Descriptive Properties	Value	Comments
Total Product Weight (oz/yd2)	75.7	

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