

Arlon 10502R125 Cured/Post-cured, Unsupported Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Product Color: Red 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-10502R125-CuredPost-cured-Unsupported-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Thickness	3180 microns	125 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	
Tensile Strength	7.45 - 9.10 MPa	1080 - 1320 psi	
Elongation at Break	540 - 660 %	540 - 660 %	
100% Modulus	>= 0.00172 GPa	>= 0.250 ksi	
Tear Strength	>= 43.8 kN/m	>= 250 pli	
Compression Set	<= 28 %	<= 28 %	After post cure

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	
	@Temperature 4.44 °C	@Temperature 40.0 °F	

Descriptive Properties	Value	Comments
Total Product Weight (oz/yd2)	115.7	

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