

Arlon R30342R032 0.032" (0.813 mm) Cured Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Product: Cured Silicone Rubber Liner: PolyethyleneAppearance: 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-R30342R032-0032-0813-mm-Cured-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Liner
	813 microns	32.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53	53	Silicone Property; ASTM D2240
Tensile Strength	9.31 MPa	1350 psi	Silicone Property; ASTM D412
Elongation at Break	800 %	800 %	Silicone Property; ASTM D412
Tear Strength	33.3 kN/m	190 pli	ASTM D624
Compression Set	20 %	20 %	Silicone Property; ASTM D395

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	60.0 Month @Temperature 21.1 °C	60.0 Month @Temperature 70.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Total Product Weight (oz/yd ²)	37	Arlon SQA-TMS-025

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