

Arlon 10322B050 0.050" (1.27 mm) Fully Cured Silicone Rubber with Polyethylene Liner

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Liner: Polyethylene Material: Fully Cured Silicone RubberProduct Use: Anti-Static Vacuum BaggingAppearance: Black elastomeric sheetThis 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-10322B050-0050-127-mm-Fully-Cured-Silicone-Rubber-with-Polyethylene-Liner.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	63.5 microns	2.50 mil	Liner
	1270 microns	50.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	Silicone Property; ASTM D2240
Tensile Strength	4.83 MPa	700 psi	Silicone Property; ASTM D412
Elongation at Break	290 %	290 %	Silicone Property; ASTM D412
Compression Set	25 %	25 %	Silicone Property; 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	60.0 Month @Temperature 21.1 °C	60.0 Month @Temperature 70.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Black	
Total Product Weight (oz/yd ²)	44.6	Arlon SQA-TMS-025

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