

Arlon R35232B085 0.085" (2.16 mm) Fully Cured Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Description: Fully cured, unsupported, static dissipation silicone
Design/Construction:Liner: Polyethylene Product: Fully Cured Silicone Rubber
Appearance: Black cured silicone
This 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-R35232B085-0085-216-mm-Fully-Cured-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Liner
	2160 microns	85.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength	4.83 MPa	700 psi	ASTM D412
Elongation at Break	290 %	290 %	ASTM D412
Compression Set	25 %	25 %	Arlon SQA-TMS-017

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	From date of manufacture
	@Temperature 21.1 - 26.7 °C	@Temperature 70.0 - 80.0 °F	

Descriptive Properties	Value	Comments
Color	Black	
Total Product Weight (oz/yd ²)	75.6	Arlon SQA-TMS-025

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