

Arlon 59463X068CT 0.068" (1.73 mm) Textured, Cured Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Design/Construction:Side 1: Textured, Cured Rubber Side 2: Textured, Cured Rubber 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-59463X068CT-0068-173-mm-Textured-Cured-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	457 microns	18.0 mil	Side 1
	457 microns	18.0 mil	Side 2
	813 microns	32.0 mil	Prime Coated 3784 Fiberglass, Substrate
	1600 - 1850 microns	63.0 - 73.0 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45 - 55	45 - 55	Compound Property
Tensile Strength	>= 6.55 MPa	>= 950 psi	Compound Property
Elongation at Break	>= 700 %	>= 700 %	Compound Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	Continuous

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

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	From date of manufacture
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
Color	Gray	
Total Product Weight (oz/yd2)	64.5 - 78.5	

Descriptive Properties	Value	Comments
Uncoated Fabric Break Strength	300 lb/in	Fill Direction, Substrate Property
	350 lb/in	Warp Direction, Substrate Property

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