

Arlon UltraPad™ 51073G031D Silicone-Based Press Pad

Category : Polymer , Thermoset , Silicone , Silicone, Molded, Glass Fiber Filled

Material Notes:

Green UltraPad™ D65: Silicone Based Press Pad
 Design/Construction: Interleave: 3 mil Polyethylene
 Side 1: Cured Silicone Rubber
 Substrate: Style 7628 Fiberglass
 Side 2: Cured Silicone Rubber
 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-UltraPad-51073G031D-Silicone-Based-Press-Pad.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	211 microns	8.30 mil	Substrate; Arlon SQA-TMS-003
	290 microns	11.4 mil	Side 1; Arlon SQA-TMS-003
	290 microns	11.4 mil	Side 2; Arlon SQA-TMS-003
	790 microns	31.1 mil	Overall Thickness; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	43	43	Silicone Property; ASTM D2240
	81	81	Product Property; ASTM D2240
Tensile Strength	7.79 MPa	1130 psi	Silicone Property; ASTM D412
Elongation at Break	850 %	850 %	Silicone Property; ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 - 300 °C	302 - 572 °F	Recommended Application Range
	@Pressure 0.000 - 5.00 MPa	@Pressure 0.000 - 725 psi	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	
	@Temperature 22.8 °C	@Temperature 73.0 °F	

Descriptive Properties	Value	Comments
Color	Green	Product Property

Descriptive Properties	Red Value	Substrate Property Comments
Service Life	114 hours	at 225°C and 2.07 MPa
Total Product Weight (oz/yd2)	26.2	Arlon SQA-TMS-025

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