

Arlon R34260N005 0.005" (0.127 mm) Unsupported/Uncured Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction:Side 1: Unsupported/Uncured Rubber Appearance: Clear gum on release liners 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-R34260N005-0005-0127-mm-UnsupportedUncured-Rubber-with-Fiberglass-Substrate.php

| Physical Properties | Metric | English | Comments |
|---------------------|-------------------|-----------------|-----------------------------------|
| Thickness | 25.4 microns | 1.00 mil | FEP, Interleave |
| | 76.2 microns | 3.00 mil | PTFE Coated Fiberglass, Substrate |
| | 102 - 152 microns | 4.00 - 6.00 mil | Overall |
| | 102 - 152 microns | 4.00 - 6.00 mil | Side 1 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-------------|-------------|-------------------|
| Hardness, Shore A | 35 - 45 | 35 - 45 | Compound Property |
| Tensile Strength | >= 6.89 MPa | >= 1000 psi | Compound Property |
| Elongation at Break | >= 600 % | >= 600 % | Compound Property |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 232 °C | 450 °F | |
| Minimum Service Temperature, Air | -56.7 °C | -70.0 °F | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|---------------|--------------|----------|
| Dielectric Strength | >= 15.7 kV/mm | >= 400 kV/in | |

| Processing Properties | Metric | English | Comments |
|-----------------------|-----------------------------|-----------------------------|--------------------------|
| Cure Time | 15.0 min | 0.250 hour | Recommended Cure Cycle |
| | @Temperature 138 °C | @Temperature 280 °F | |
| Shelf Life | 3.00 Month | 3.00 Month | From date of manufacture |
| | @Temperature 1.67 - 7.22 °C | @Temperature 35.0 - 45.0 °F | |

| Descriptive Properties | Value | Comments |
|-------------------------------|-----------|----------|
| Color | Natural | |
| Total Product Weight (oz/yd2) | 5.7 - 7.7 | |

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