Arlon 0.015" (0.381 mm) Semi-Cured Silicone Traction Motor Insulation with Fiberglass Substrate (51224R015) &n

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Silicone

Material Notes:

0.007 in. (0.18 mm) nominal semi-cured silicone rubber on 0.008 in. (0.2 mm) Prime Coated 7628 Fiberglass; 0.003 in. (0.8 mm) polyethylene interleave; overall thickness 0.015 in. ± 0.0015 (0.038 mm ±0.0038). The shelf life is defined as the duration of time for which the product will meet the physical requirements outlined below. It does not guarantee the product's usefulness in all applications. Color: Red. Weight: 566.2 g/m² ± 1.5 (16.7 oz./yd.² ± 1.5). Shelf Life: 6 months from date of manufacture at 23.8°C (75°F). Cure Time: 0.25 hours. Post Cure: 204°C (400°F), for 2 hours. Flame Test Method: FTMS 191A, Method 5903. Maximum Flame and Glow Time: 15 seconds. Maximum Char Length: 7.62 cm (3 in).Information provided by the manufacturer, Arlon Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-0015-0381-mm-Semi-Cured-Silicone-Traction-Motor-Insulation-with-Fiberglass-Substrate-51224R015-n.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55 - 65	55 - 65	
Tensile Strength, Ultimate	>= 6.20 MPa	>= 899 psi	
Elongation at Break	>= 200 %	>= 200 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.6 °C	-69.9 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.75 kV/mm	>= 400.0 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	176.6 °C	349.9 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China