

Abatron L060421-1 Heat-Resistant (-75~400°F) Non-Flammable Silicone Rubber

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

Material Notes:

L060421-1 is a heat-resistant and non-flammable silicone rubber recommended as a potting compound for exceptional protection against thermal shock, vibration, moisture, ozone, dust, chemicals, and other environmental hazards. Properties: (1) Retains elastomeric properties at temperatures up to 400°F; (2) Chemical composition contains no solvents for ease of use on production lines; (3) Convenient 1:1 mix ratio by weight or volume for use in automatic dispensing or hand operations; (4) Low viscosity allows easy flow in and around complex parts; (5) Cures in deep sections or enclosed assemblies without exotherm and with low shrinkage.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-L060421-1-Heat-Resistant-75400F-Non-Flammable-Silicone-Rubber.php

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------|---------|----------|
| Hardness, Shore D | 62 | 62 | |
| Tensile Strength at Break | 3.31 MPa | 480 psi | |
| Elongation at Break | 60 % | 60 % | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 204 °C | 400 °F | |
| Minimum Service Temperature, Air | -59.4 °C | -75.0 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|------------------------|------------------------|----------|
| Cure Time | 15.0 min | 0.250 hour | |
| | @Temperature 150 °C | @Temperature 302 °F | |
| | 60.0 min | 1.00 hour | |
| | @Temperature 100 °C | @Temperature 212 °F | |
| | 240 min | 4.00 hour | |
| | @Temperature 65.0 °C | @Temperature 149 °F | |
| | 2880 min | 48.0 hour | |
| | @Temperature 25.0 °C | @Temperature 77.0 °F | |
| Shelf Life | 12.0 Month | 12.0 Month | |
| | @Temperature <=26.7 °C | @Temperature <=80.0 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|-------------|----------|
| Color | Opaque Gray | |

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