

Momentive Performance Materials Silplus 30 HS High Strength Heat Cured Rubber

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

Material Notes:

Heat cured rubber is a high consistency product that can be molded, extruded or calendered using conventional rubber processing equipment to meet a wide range of cost, durability and performance standards. Silplus 30 HS is a peroxide curable, high strength, silicone elastomer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-Silplus-30-HS-High-Strength-Heat-Cured-Rubber.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity | 1.10 g/cc | 1.10 g/cc | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------|----------|----------|
| Hardness, Shore A | 30 | 30 | |
| Tensile Strength | 9.00 MPa | 1310 psi | |
| Elongation at Break | 1100 % | 1100 % | |
| Tear Strength | 30.0 kN/m | 171 pli | Die B |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|--------------------------------|
| Transmission, Visible | 20 % | 20 % | translucent; thickness unknown |

| Compliance Properties | Metric | English | Comments |
|-----------------------|--------|---------|---|
| FDA | Yes | Yes | FDA Indirect food contact - Rubber articles intended for repeated use - FDA Reg 21CFR177.2600 |

| Descriptive Properties | Value | Comments |
|------------------------|--------------------------------------|--|
| Appearance | Translucent | |
| BfR | product is compositionally compliant | Recommendation XV Silicones; post cured (4h/200°C) |

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