

## Momentive Performance Materials Silplus 60 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 60 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-60-HS-High-Strength-Heat-Cured-Rubber.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-Silplus-60-HS-High-Strength-Heat-Cured-Rubber.php)

| Physical Properties | Metric    | English   | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity    | 1.16 g/cc | 1.16 g/cc |          |

| Mechanical Properties | Metric    | English  | Comments |
|-----------------------|-----------|----------|----------|
| Hardness, Shore A     | 60        | 60       |          |
| Tensile Strength      | 12.5 MPa  | 1810 psi |          |
| Elongation at Break   | 700 %     | 700 %    |          |
| Tear Strength         | 40.0 kN/m | 228 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) |

## Contact Songhan Plastic Technology Co.,Ltd.

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