

Momentive Performance Materials HV 3/606 Heat Cured Rubber - High Temperature

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. HV 3/606 is a specialty grade, peroxide curable silicone elastomer. Key Feature: Heat resistance up to 300°C

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-HV-3606-Heat-Cured-Rubber-High-Temperature.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity | 1.19 g/cc | 1.19 g/cc | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------|----------|----------|
| Hardness, Shore A | 62 | 62 | |
| Tensile Strength | 10.5 MPa | 1520 psi | |
| Elongation at Break | 400 % | 400 % | |
| Tear Strength | 20.0 kN/m | 114 pli | Die B |

| Thermal Properties | Metric | English | Comments | |
|----------------------------------|--------|---------|----------|--|
| Maximum Service Temperature, Air | 300 °C | 572 °F | | |

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

| Descriptive Properties | Value | Comments |
|------------------------|-------------|----------|
| Appearance | Translucent | |

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