

Momentive Performance Materials TUFEL II 94406 Low Volatile Extrusion 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. TUFEL II Low Volatile 94406 is a member of the Addition Curing Portfolio. It is a platinum (addition/heat) curable, one-part compound. This product has been optimized for extrusion and calendering processes and is intended for application in the Healthcare industry.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-TUFEL-II-94406-Low-Volatile-Extrusion-Heat-Cured-Rubber.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity | 1.11 g/cc | 1.11 g/cc | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------|----------|----------|
| Hardness, Shore A | 43 | 43 | |
| Tensile Strength | 9.60 MPa | 1390 psi | |
| Elongation at Break | 780 % | 780 % | |
| 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 |
| USP Class VI | Yes | Yes | USP Class VI methods: Intramuscular implantation, intracutaneous injection, & systematic injection |

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

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