Tufel* II 94706

Description
Tufel II Silicone Rubber Compounds 94406, 94506, 94606, 94706 are 40-70 durometer low volatile fast-cure addition cured silicone elastomers for extrusion and calendering. They may be used by themselves or blended to intermediate durometers. Applications include extruded tubings, profiles and calendered sheets.

Key Features and Typical Benefits

- LV Bases Minimize Porosity and Post Cure
- Totally Peroxide-Free Cure System
- Broad Processing Window
- High Output Rates
- High Tear Strength
- Tight Surface Cure
- Non-blooming
- Translucency

Typical Physical Properties

TYPICAL CHARACTERISTICS OF UNCURED TUFEL II SILICONE RUBBER - 94006 SERIES

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>94406</th>
<th>94506</th>
<th>94606</th>
<th>94706</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.11</td>
<td>1.15</td>
<td>1.19</td>
<td>1.22</td>
</tr>
<tr>
<td>Appearance</td>
<td>Translucent</td>
<td>Translucent</td>
<td>Translucent</td>
<td>Translucent</td>
</tr>
</tbody>
</table>

*Tufel is a trademark of Momentive Performance Materials Inc.
TYPICAL RHEOLOGICAL PROFILE - MONSANTO ODR WITH 3° ARC @ 150°C (300°F)

<table>
<thead>
<tr>
<th>Property</th>
<th>VMQ</th>
<th>VMQ</th>
<th>VMQ</th>
<th>VMQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Viscosity</td>
<td>1-6</td>
<td>3-7</td>
<td>3-8</td>
<td>3-9</td>
</tr>
<tr>
<td>T1, Minutes</td>
<td>0.1-0.4</td>
<td>0.1-0.4</td>
<td>0.1-0.3</td>
<td>0.1-0.4</td>
</tr>
<tr>
<td>7 Min. Torque (lb./in.)</td>
<td>33-48</td>
<td>34-53</td>
<td>45-60</td>
<td>45-60</td>
</tr>
</tbody>
</table>

TYPICAL PHYSICAL PROPERTIES OF TUFEL II SILICONE RUBBER - 94006 SERIES
### Regulatory Compliance

- A representative sample of an analogous product to Tufel II 94706 met the requirements of USP Class VI and ISO 10993 under Good Laboratory Practices (GLP).
- Listed as UL 94 HB (File No. E205753)
- The ingredients are listed in the BfR recommendation XV “Silicones” (1)
- Compositionally compliant with 21 CFR 177.2600 – Rubber articles intended for repeated use(2)

(1) Producer of the final article needs to test and confirm that the final product meets the extraction limits of BfR XV or corresponding EU legislation.
(2) It is the responsibility of the user to determine that the final product complies with the extractive limitations and other requirements of 21 CFR 177.2600, under their specific manufacturing procedures

**Patent Status**
Standard copy to come

**Product Safety, Handling and Storage**
Standard copy to come

**Limitations**
Standard copy to come

**Contact Information**
For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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