**SPUR+** 1050 Prepolymer

**Description**

SPUR+ 1050 prepolymer is a silylated prepolymer, plasticizer-free, with low viscosity, for use in the manufacture of one-part, moisture-curing sealants. It is an excellent material of choice as a base resin for medium modulus sealants and adhesives in industrial and transportation applications where higher tensile strength is required.

**Performance Properties (Key Features/Typical Benefits)**

- Broad formulation latitude
- Cost-effective
- Easy application characteristics
- Excellent adhesion to many surfaces without primer
- High durability indoors and outdoors
- Good water and chemical resistance
- High elastic recovery
- Long shelf life

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>SPUR+ 1050 prepolymer</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, viscous liquid</td>
</tr>
<tr>
<td>Viscosity (25 °C) (mPa)</td>
<td>≈ 35,000</td>
</tr>
<tr>
<td>Plasticizer</td>
<td>none</td>
</tr>
<tr>
<td>Shelf Life (months)</td>
<td>24</td>
</tr>
<tr>
<td>Tensile Strength (N/mm²)</td>
<td>0.68</td>
</tr>
<tr>
<td>Elongation (%)</td>
<td>150</td>
</tr>
<tr>
<td>100% Modulus (N/mm²)</td>
<td>0.55</td>
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</tbody>
</table>

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Shore A 29
Elastic Recovery (%) 87

Typical properties are average data and are not to be used as or to develop specifications.

Patent Status
Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

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Limitations
Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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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