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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<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>
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<tr>
<td>100% Modulus (N/mm²)</td>
<td>0.55</td>
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</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**
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**Contact Information**
For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

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