DELO®-GUM SJ3097

amine-crosslinking silicone rubber | 1C | room-temperature-curing
tension-equalizing, self-leveling, very good temperature resistance

<table>
<thead>
<tr>
<th>Special features of product</th>
<th>Typical area of use</th>
</tr>
</thead>
<tbody>
<tr>
<td>• compliant with RoHS Directive 2015/863/EU</td>
<td>• -50 - 180 °C</td>
</tr>
<tr>
<td>• RTV-1 silicone</td>
<td></td>
</tr>
</tbody>
</table>

## Curing

Skin formation time

*in standard climate +23 °C / 50 % r. h.*  
8 min

Cured layer per 24 h

*at +23 °C / 50 % relative air humidity*  
2 mm

## Processing

Storage life in unopened original container

*up to <= 1 l*  
12 month(s)

*at +15 °C to +30 °C*  
6 month(s)

## Technical properties

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color in cured condition in 1 mm layer thickness</td>
<td>whitish</td>
</tr>
<tr>
<td>Transparency in cured condition in 1 mm layer thickness</td>
<td>translucent</td>
</tr>
<tr>
<td>Decomposition product</td>
<td>amine</td>
</tr>
</tbody>
</table>

## Parameters

<table>
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<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Density</td>
<td>1 g/cm³</td>
</tr>
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</table>

*Liquid*

<table>
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<tr>
<th>Viscosity</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Liquid</td>
<td>119000 mPa·s</td>
</tr>
</tbody>
</table>

*Viscosimeter*
Tensile strength
Based on DIN EN ISO 527 | at approx. +23 °C | 7 d | rel. air humidity: 50 %

0.4 MPa

Elongation at tear
Based on DIN EN ISO 527 | at approx. +23 °C | 7 d | rel. air humidity: 50 %

280 %

Shore hardness 00
Based on DIN EN ISO 868 | at approx. +23 °C | 168 h

40

Shrinkage
DELO Standard 13 | at approx. +23 °C | 168 h

3 vol. %

Water absorption
Based on DIN EN ISO 62 | at approx. +23 °C | 168 h | Type of storage: Desiccator | Duration: 72 h

0.14 wt. %

Dielectric strength
at approx. +23 °C | 168 h

15 kV/mm

Relative permittivity
Based on DIN 53483-2 | at approx. +23 °C | 168 h | 1 kHz

3.27

Relative permittivity
Based on DIN 53483-2 | at approx. +23 °C | 168 h | 1 MHz

3.17

Relative permittivity
Based on DIN 53483-2 | at approx. +23 °C | 168 h | 100 kHz

3.25

Converting table

°F = (°C x 1.8) + 32
1 MPa = 145.04 psi
1 inch = 25.4 mm
1 GPa = 145.04 ksi
1 mill = 25.4 μm
1 cP = 1 mPa s
1 oz = 28.3495 g
1 N = 0.225 lb

General curing and processing information

The curing time stated in the technical data was determined in the laboratory. It can vary depending on the adhesive quantity and component geometry and is therefore a reference value. Unless otherwise specified, the values were measured after 168 h at approx. 23 °C / 50 % r. h., and the values of heat-cured samples were measured after 24 h at approx. 23 °C / 50 % r. h. Curing requires a minimum air humidity of 50 % r. h.

General

The data and information provided are based on tests performed under laboratory conditions. Reliable information about the behavior of the product under practical conditions and its suitability for a specific
purpose cannot be concluded from this. It is the customer’s responsibility to test the suitability of a product for the intended purpose by considering all specific requirements and by applying standards the customer deems suitable (e.g. DIN 2304-1). Type, physical and chemical properties of the materials to be processed with the product, as well as all actual influences occurring during transport, storage, processing and use, may cause deviations in the behavior of the product compared to its behavior under laboratory conditions. All data provided are typical average values or uniquely determined parameters measured under laboratory conditions. The data and information provided are therefore no guarantee for specific product properties or the suitability of the product for a specific purpose.

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Instructions for use
You can find further details in the instructions for use.

The instructions for use are available on www.DELO-adhesives.com.

We will be pleased to send them to you on demand.

Occupational health and safety
See material safety data sheet.

Specification
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