Modus Advanced, Inc. custom manufactures parts and gaskets using Nolato Silicone Rubber 1540. This red, platinum cured silicone is extruded as an effective environmental seal. Silicone rubber can easily withstand heat, cold, moisture, UV, ozone and pressure over an extended period of time with a temperature range between -55°C and +200°C.

**TYPICAL MATERIAL PROPERTIES**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST PROCEDURE</th>
<th>UNIT</th>
<th>1540</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base material</td>
<td>ISO 2781</td>
<td>g/cm³</td>
<td>Silicone rubber</td>
</tr>
<tr>
<td>Density</td>
<td>ISO 7619</td>
<td>Shore A</td>
<td>1.1</td>
</tr>
<tr>
<td>Hardness</td>
<td>ISO 37</td>
<td>MPa</td>
<td>40</td>
</tr>
<tr>
<td>Tensile strengthiii</td>
<td>ISO 37</td>
<td>%</td>
<td>8.5</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>ISO 37</td>
<td>N/mm</td>
<td>650</td>
</tr>
<tr>
<td>Tear strengthii</td>
<td>ISO 34-1C</td>
<td>%</td>
<td>30</td>
</tr>
<tr>
<td>Compression set, 72 hours/100°C</td>
<td>ISO 815</td>
<td>%</td>
<td>8</td>
</tr>
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<td>Flammabilityiii</td>
<td>UL 94</td>
<td>V0</td>
<td>8</td>
</tr>
<tr>
<td>Compression modulus, 10 % strain</td>
<td>ISO 7743</td>
<td>MPa</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4.5</td>
</tr>
</tbody>
</table>

1) 1 MPa = 145 psi  2) 1 N/mm = 5.71 lb/in  3) Tested on a 6 mm thick sample

The recommendations and data given are based on our experience to date, however, no liability can be assumed in connection with their usage and processing.

**RoHS INFORMATION**

Nolato 1540 fulfills the requirements set by the EU Directive 2002/95/EC (RoHS).

**SAFETY INFORMATION**

The silicone 1540 is not dangerous to man or the environment. It is not classified according to EU Directive 1999/45/EC but a material safety data sheet can be sent on request.

**THE NOLATO GROUP**

Nolato is an advanced high-tech polymer partner with operations in Europe, Asia and North America. We develop and manufacture products in materials such as plastic, silicone and TPE. Our customer offering comprises everything from concept development, product design and process optimization to high-volume production, post-processing, assembly and logistics.

**CUSTOMERS ALSO SEARCHED:**

- form in place gasket
- liquid gaskets
- liquid silicone
- gasket tack
- emi gasket
- form in place
- conductive material
- form in place gaskets
- dispensed gaskets
- dispensed gasket
- form-in-place
- Dispensed gasket
- conductive gasket
- nickel graphite silicone
- liquid gasket
- paste gasket
- emi gasket
- conductive silicone
- conductive silicone
- emi silicone
- emi shielding gasket
- formed gasket
- electrically conductive gasket
- silver silicone

**THE MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION**

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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