

## Compashield Silicone Rubber Nolato 1540

Nolato 1540 is a material used for extruded components.

Nolato 1540 key properties

- Operating temperatures are between  $-55^{\circ}\text{C}$  and  $+200^{\circ}\text{C}$ .
- Silicone rubber can easily stand heat, cold, moisture, UV, ozone and pressure over long times.
- The rubber is red.

### 1. Applications

Nolato 1540 is as a gasket used as an effective environmental sealing.

### 2. Typical Product Data

	Test procedure	Unit	1540
Base material			Silicone rubber
Density	ISO 2781	g/cm <sup>3</sup>	1,1
Hardness	ISO 48-4	Shore A	50
Tensile strength <sup>1)</sup>	ISO 37	MPa	9,3
Elongation at break	ISO 37	%	690
Tear strength <sup>2)</sup>	ISO 34-1C	N/mm	32
Compression set, 72 hours/100°C	ISO 815	%	10
Flammability <sup>3)</sup>	UL 94		V0

<sup>1)</sup> 1 MPa = 145 psi <sup>2)</sup> 1 N/mm = 5,71 lb/in <sup>3)</sup> UL file no. OCDT2.E471560

### 3. Processing

The material is a platinum cured silicone system. For details see the “Compashield materials, mixing and handling instruction”.

### 4. RoHS Information

Nolato 1540 fulfils the requirements set by the EU Directive 2011/65 (RoHS).

### 5. Safety Instructions

The 1540 material is tested and certified for UL50E. UL file no. JMLU2.MH60440. Nolato 1540 is not considered as hazardous according to EU Directive 1272/2008 (CLP) and is not subject to the directive of classification, packaging and labelling of dangerous goods. A material safety data sheet can be sent on request.

### 6. Warranty

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. Typical property data should not be used as a specification.