

### **DELO-GUM® 3699**

#### **Base**

- acetic acid interlacing silicone rubber (RTV-1 silicone rubber)
- one-part, solvent-free, high temperature resistance

#### **Curing**

- curing to a permanently flexible material at room temperature, started by atmospheric humidity
- a small amount of acetic acid is separated during curing (polycondensation)
- curing starts on the surface of the silicone (contact with atmospheric humidity), whereas after only a few minutes a dry skin is formed
- curing of the silicone rubber with approx. 2 mm / 24 h

#### **Use**

- especially suitable for elastic, equalizing sealing and bonding of same and different materials
- preferably used in electronics as well as mechanical engineering and glass design
- leading characteristics: high temperature resistance up to +300 °C, good bonding strength on different materials, high strength, fast curing, pasty, firm

#### **Application**

- supplied ready for use and best applied from the bottle or cartridge
- for efficient product application we recommend DELO dispensing units
- surfaces to be bonded should be dry, free from dust, grease and other contaminants
- DELOTHEN cleaners are recommended for cleaning

#### **Technical data**

colour	red
by-product	acetic acid
density [g/cm <sup>3</sup> ] at room temperature (approx. 23 °C)	1.2
viscosity at 23 °C	pasty
processing temperature [°C]	+5 to +35
skin formation time [min] at 23 °C / 50 % relative humidity	approx. 5
deep curing [mm/24 h] at 23 °C / 50 % relative humidity	2
tensile strength [MPa] DIN EN ISO 527	3

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elongation at tear [%] DIN EN ISO 527	300
shore hardness A DIN 53505	35
shrinkage [vol. %] standard DELO 13	approx. 3
water absorption [weight %] DIN EN ISO 62, 24 h at room temperature (approx. 23 °C)	0.2
recommended long-time temperature range of use [°C]	+50 to +300
storage life at room temperature (approx. 23 °C) in unopened original container	12 months

## **Recommendations**

### **General**

The data and information provided are based on tests performed under laboratory conditions. Reliable information about the behaviour of the product under practical conditions and its suitability for a specific purpose cannot be concluded from this.

It is the user's responsibility to test the suitability of the product for the intended purpose by considering all specific requirements. Type and 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 behaviour of the product compared to its behaviour 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.

### **Instruction for use**

The instruction for use is available under following address: [www.DELO.de](http://www.DELO.de). If requested we will also be pleased to send it to you.

### **Industrial health and safety standards**

see material safety data sheet

### **Specification**

see quality assurance certificate