

ELASTOSIL[®] E 952



Moisture Curing Silicone Rubber (RTV-1)

ELASTOSIL[®] E 952 is a self-levelling one-component silicone rubber with very good mechanical properties, which cures at room temperature under the influence of atmospheric moisture.

Properties

- Acetic acid-curing system
- Self-levelling
- Excellent primerless adhesion to many substrates

Technical data

Properties Uncured

| Property | Condition | Value | Method |
|------------------------------------|-------------------|------------------------|-----------------|
| Color | - | Transparent | - |
| Specific gravity | - | 1.09 g/cm ³ | - |
| Viscosity, dynamic | - | - | DIN EN ISO 3219 |
| Skin formation time ⁽¹⁾ | - | 15 - 20 min | - |
| Curing time | 23 °C 50 % r.h. | 12 h, min | - |

¹at 23 °C / 50 % r.h.

These figures are only intended as a guide and should not be used in preparing specifications.

Properties Cured

Curing Conditions: 2mm, 14 days storage at 23 °C an 50% RH

| Property | Condition | Value | Method |
|---------------------|-----------|------------------------|-----------------------|
| Color | - | Transparent | - |
| Specific gravity | 23 °C | 1.10 g/cm ³ | - |
| Hardness Shore A | - | 30 | DIN 53 505 / ISO 868 |
| Tensile strength | - | 6.2 N/mm ² | DIN 53504 S1 / ISO 37 |
| Elongation at break | - | 600 % | DIN 53504 S1 / ISO 37 |

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All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

- multipurpose glue

ELASTOSIL® E 952 shows good primerless adhesion to many substrates. We recommend running preliminary tests to optimize conditions for the particular application.

Processing

ELASTOSIL® E 952 shows good primerless adhesion to many substrates. We recommend running preliminary tests to optimize conditions for the particular application.

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

During vulcanization of ELASTOSIL® E 952, a total of 4 % by weight of acetic acid is split off. These vapours should not be inhaled for long periods or in high concentration. Work areas should therefore be well ventilated. Contact of unvulcanized silicone rubber with eyes and mucous membranes must be avoided as this would cause irritation. However if it does happen, rinse the affected area thoroughly.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code ELASTOSIL® E 952



For technical, quality or product safety questions, please contact:

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