

# SEMICOSIL<sup>®</sup> 9720 TC



## Thermally Curing Silicone Rubber (RTV-2)

SEMICOSIL<sup>®</sup> 9720 TC is a non-slump, thermally curable, addition-curing, one part silicone adhesive with excellent thermal conductivity.

### Properties

- Ready-to-use, one-part system
- Thixotropic
- High thermal conductivity
- Rapid heat cure
- Primerless adhesion to many substrates
- Controlled volatility
- Almost constant properties between -50°C and +180°C

### Technical data

#### General Characteristics

Property	Condition	Value	Method
Curing time	125 °C	60 min	-
Curing time	150 °C	30 min	-

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

## Properties Uncured

Property	Condition	Value	Method
Viscosity, dynamic	25 °C   10 1/s	110000 mPa-s	DIN 53019

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## Properties Cured

Curing condition: 10 min / 165°C

Property	Condition	Value	Method
Color	-	White	-
Density	23 °C	2.74 g/cm <sup>3</sup>	DIN EN ISO 1183-1 A
Hardness Shore A	-	85	ASTM 2240
Dielectric strength	25 °C	10 kV/mm	IEC 60243
Thermal conductivity	-	1.9 W/m.K	ASTM D 5470-12

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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.

SEMICOSIL® electronics applications

## Application details

- Bonding of electronic parts with heat sinks
- Fixing electronic parts to circuit boards
- Heat transmission glue for PCU modules

## Packaging and storage

### Storage

SEMICOSIL® 9720 TC has a shelf life of at least 3 months when stored cool and dry in the originally sealed container. The 'Best use before end' date of each batch appears 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

According to the latest findings, addition curing SEMICOSIL® 9720 TC silicone rubber, contains neither toxic nor corrosive substances which might require special handling precautions. General hygiene regulations should be observed.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from Wacker subsidiaries.

## QR Code SEMICOSIL® 9720 TC



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

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