

SEMICOSIL[®] 266 LV



Thermally Curing Silicone Rubber (RTV-2)

SEMICOSIL[®] 266 LV is a thixotropic, addition curing, one part silicone rubber encapsulant.

Properties

- 1-part, ready to use - thixotropic - rapid heat cure

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	Black	ASTM D 624
Density	23.0 °C	1.1 g/cm ³	WSTM 3019
Viscosity, dynamic	25.0 °C	1200.0 mPa·s	ISO 3219
Hardness Shore A	-	65.0	WSTM 1110
Volume resistivity	-	3.5x10 ¹³ Ohmcm	IEC 93
Dielectric constant	1.0 kHz	2.8	-
Dielectric strength	-	27.0 kV/mm	IEC 93

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

Properties Cured

Property	Condition	Value	Method
Curing time	130 °C	40 min	-
Curing time	150 °C	10 min	-

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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.

Applications

- Adhesives
- Automotive Electronics
- Automotive, Aerospace & Railway
- Electronics

Application details

Surface preparation All surfaces must be clean and free of contaminants that will inhibit the cure of SEMICOSIL® 266 LV. Examples of inhibiting contaminants are sulfur containing materials, plasticizers, urethanes, amine containing materials and organometallic compounds, especially organotin compounds. If a substrate's ability to inhibit cure is unknown, a small scale test should be run to determine compatibility. Storage temperatures above 25°C will negatively effect shelf life and potlife of the material.

Because of the thixotropic behaviour, SEMICOSIL® 266 LV is specially recommended for local encapsulation of delicate electronic components.

Packaging and storage

Packaging

SEMICOSIL® 266 LV is available in 5 gallon (18kg) pails.

Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis 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. SEMICOSIL® 266 LV has a shelf life of 6 months when stored between -30°C and 0°C (optimal storage temperature) in the original sealed container.

Safety notes

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

QR Code SEMICOSIL® 266 LV



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

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