POLYMER|G

Technical Data:
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RTV 269

Clear, Soft, Two-Component RTV Silicone

Product Description

RTV 269 is a two-component, soft, moderate viscosity, water-clear RTV silicone compound, designed to seal and protect delicate electrical units against humidity or any other atmospheric contaminations as well as against mechanical shock or vibration.

Features & Benefits

- Clear
- Moderate viscosity
- High temperature resistance
- Low water penetration
- Flexible pot life
- Accelerated curing at elevated temperature

Applications

Potting and Encapsulation of Electric/electronic and optical equipment.

Typical Uncured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Base Resins	RTV 269 A RTV 269 B	Silicones Silicones
Appearance/Color	RTV 269 A RTV 269 B	Clear Clear
Viscosity @25°C, mPa*s ASTM-D-2393	RTV 269 A RTV 269 B	2500-3500 3000-4000
Density @ 25°C, g/cm^3	RTV 268 A RTV 268 B	0.99 ± 0.02 0.99 ± 0.02
Mix Ratio A:B, (vol.)		1:1
Mix Viscosity @25°C, mPa*s ASTM-D-2393		2500-4000
Work life, @ 25°C**,** min		from 10 to 90
Gel-time, 50g @ 25°C**,** min		from 15 to 120

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Typical Cured Properties

Note: **The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

Curing Schedule	24-48hr/25°C or 4hr/60°C
Hardness, ASTM-D-2240, Shore A	4-6
Thermal Conductivity, W/m-K	0.18
Service Temperature, °C	-55 to 205

Storage	Store products at 10-35°C for maximum shelf life.
Packaging	Packaging sizes are available from 1L to 5L jerricans
Shelf Life	These products have a shelf life of 6 months in their unopened original jerricans.
Limitation of Liability	Except where prohibited by law, Polymer-G and seller will not be liable for any loss or damage arising from the Polymer-G product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

Notes

Certain materials may inhibit the cure of RTV 269 when placed in contact with mixed, uncured rubber. Materials such as amines and amine-cured epoxies, sulfur containing materials and condensation (tin cured) silicones, are some, which may cause inhibition. Even surfaces, which have been in contact with such materials, may cause it. If in doubt, a patch test should be done.

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