

Technical Data:

Issued: Nov. 2005
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RTV 111

General Purpose Potting and Casting RTV Silicone

Product Description

RTV 111 is a multi-purpose casting material for use as an encapsulant, sealant or potting compound. RTV 111 is used in protecting electronic components and in casting of elements for electronic equipment and delicate systems.

Features & Benefits

- Medium viscosity
- High temperature resistance
- Long pot life
- Low temperature flexibility
- Excellent electrical properties
- Accelerated curing at elevated Temperature

Applications

Potting, Casting and Encapsulation of Electric/Electronic 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 111 (A) RTV T-12 (B)	Silicones Catalyst
Appearance/Color	RTV 111 (A)	White
Viscosity @25°C, mPa*s ASTM-D-2393	RTV 111 (A)	7500-11000
Density @ 25°C, g/cm³	RTV 111 (A)	1.22 ± 0.02
Mix Ratio A:B (w/w)	100:0.1±0.5	
Work life, @ 25°C, hr	from 1 to 4	

Instructions for use:

Stir compound RTV 111 thoroughly in the original container prior to use

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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	24hr/25°C
Hardness, ASTM-D-2240, Shore A	40-45
Tensile Strength, ASTM-D-412, MPa	1.9-2.2
Tensile Elongation, ASTM-D-412, %	90-110
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 pails**Shelf Life** The product has a shelf life of 6 months in their unopened original pails.**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.