

Technical Data:

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RTV 113

General Purpose Potting and Casting RTV Silicone

Product Description RTV 113 is a multi-purpose casting compound for encapsulation, sealing or potting. RTV 113 is used in protecting electronic components, assemblies 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 113 (A) RTV Cat-12 (B)	Silicones Catalyst
Appearance/Color	RTV 113 (A)	Red/Black
Viscosity @25°C, mPa*s ASTM-D-2393	RTV 113 (A)	10000-15000
Density @ 25°C, g/cm³	RTV 113 (A)	1.45 ± 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 113 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	12-16hr/25°C
Hardness, ASTM-D-2240, Shore A	55-65
Tensile Strength, ASTM-D-412, MPa	2.5-4.0
Tensile Elongation, ASTM-D-412, %	60-90
Coefficient of Thermal Expansion, 10⁻⁵/K	21
Thermal Conductivity, W/m-K	0.30-0.35
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 products have 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.