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Set-Sil RTVP 27 HTC

Set-Sil RTVP 27 HTC is a gray two-component, addition reaction platinum-catalyzed system that cures at room temperature. **Set-Sil RTVP 27 HTC** has a low viscosity, is easy to process, and its cure rate can be accelerated with heat. The low viscosity and high thermal conductivity makes **Set-Sil RTVP 27 HTC** ideal for potting dense component packages requiring heat dissipation. In addition, **Set-Sil RTVP 27 HTC** offers outstanding fire resistant properties and is approved for UL 94VO

Color	GRAY
Viscosity, cps	6,000
Specific Gravity	2.08
Mix Ratio by weight	1 to 1
Pot Life @ 25°C, Hours	1
Durometer, Shore A	60
Tensile Strength, psi	650
Tensile Elongation,%	70
Shrinkage,%	nil
Coefficient of Thermal Expansion	17 x 10⁻⁵
Thermal Conductivity, BTU-ft/(ft²)(hr)(°F)	7
Service temperature Range °C	-55-204°C
Dielectric Strength, volts/mil	500
Dielectric Constant, 1KHz	4
Dissipation Factor, 1 KHz	0.0075
Volume Resistivity, ohm-cm	1.0 x 10¹⁵

Mixing Instruction:

Weigh out the required amount of *Set-Sil RTVP 27 HTC* A and B. Mix thoroughly, scraping both the bottom and sides of the mixing container. Evacuate mixture @ 29 in Hg until all air is released to insure void-free casting.

Cure Schedule:

70°F:	125°F:	150°F:	200°F:	250°F:	300°F:
24 Hrs.	1.5 Hrs.	45 Min.	25 Min.	15 Min.	10 Min.

SEE BACK OF TECHNICAL DATA SHEET FOR WARRANTY.

Warranty

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