



# PRODUCT INFORMATION

**HIGH TECHNOLOGY MATERIALS**

## MERECO METASIL 5022

### HIGH TEMPERATURE RTV SILICONE RUBBER FOR POTTING AND ENCAPSULATION

**MERECO METASIL 5022** is a high temperature RTV Silicone Rubber specifically designed for applications where service to 600°F is necessary. **METASIL 5022** will exhibit long term stability to 550°F and short term stability to 600°F.

#### METASIL 5022

Color	Red
Viscosity, cps	32,000
Specific Gravity	1.49
Durometer, Shore A	55
Tear Strength, ppi	40
Tensile Strength, psi	850
Elongation, %	150
Dielectric Strength, volts/mil	525
Dielectric Constant, 10 <sup>3</sup> Hz	4.0
Dissipation Factor, 10 <sup>3</sup> Hz	0.008
Volume Resistivity, ohm-cm	2.5 x 10 <sup>15</sup>

#### CURING METASIL 5022

**METASIL 5022** may be cured by adding 0.5% **METASIL 5022** liquid activator. Deair the mix at 27 inches of Mercury for five minutes. Pour slowly onto components. Full cure will be achieved in 24 hours at room temperature. Working time of **METASIL 5022** is 2 hours.

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