



PRODUCT INFORMATION

HIGH TECHNOLOGY MATERIALS

MERECO METASIL 5021

MERECO METASIL 5021 is a two component, general purpose RTV silicone designed specifically for potting and encapsulating applications in the electrical industry.

TYPICAL PROPERTIES

Color	White
Specific Gravity	1.17
Viscosity, cps	11,000
Durometer Hardness, Shore A	45
Tear Strength, ppi	25
Tensile Strength, psi	450
Elongation, %	170
Dielectric Strength, volts/mil	550
Dielectric Constant, 10 ³ Hz	3.03
Dissipation Factor, 10 ³ Hz	0.004
Volume Resistivity, ohm-cm	1.40 x 10 ¹⁵

CURING METASIL 5021

MERECO METASIL 5021 may be cured using either of two methods. Both methods require vacuum deair at 27 inches Mercury with room temperature cure for 24 hours.

Method 1 -- To 200 parts **METASIL 5021** base add 1 part **METASIL 5021** liquid activator. This gives good deep section cure with optimum physical properties.

Method 2 -- To 100 parts **METASIL 5021** base add 10 parts **METASIL 5021** green paste activator. This gives an easy means of determining catalyst dispersion as a fully dispersed green activator will impart a pale green tint to the system.

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MERECO TECHNOLOGIES GROUP * 1505 MAIN STREET * WEST WARWICK, R.I. 02893 * (401) 822-9300 * Fax (401) 822-9311