



174

Water Clear Potting Compound

Application	:	Electronic Component Potting or Coating
Color	:	Clear
Specific Gravity	:	1.07
Viscosity	:	@23°C 600 CPS
Mix Ratio by weight	:	100 : 35 or 3 : 1
Pot Life	:	100g @23°C about 2 hrs
Cure Time	:	@23°C 16 hrs @80°C 1 hrs
Weight Loss Rate	:	@175°C 168 hrs 1.5%
Weight Gain Rate	:	In boiling water 2 hrs 0.19% @25°C 24 hrs 0.05%
Thermal Conductivity	:	8.0 (cal x cm/sec x cm x °C) x 10 ⁻⁴
Shrinkage	:	0.008 in/in
Hardness	:	80 Shore D
Volume Resistivity	:	@23°C 5.0x 10 ¹⁵ ohm/cm
Dissipation Factor	:	@23°C 1000 cycles 0.0031
Dielectric Constant	:	@23°C 1000 cycles 3.6
Dielectric Strength	:	@23°C 550 VPM
Shelf Life	:	@23°C more than one year

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