



HIGH PERFORMANCE POTTING COMPOUND E-112

E-112 is a high performance, light weight, hollow glass microsphere filled single component potting material. It is especially suited for applications which involve potting assemblies which have small openings around terminals or switches. The microspheres are of sufficient size that the epoxy will not flow through small holes or slots on the order of .010" to .020". The use of hollow microspheres greatly reduces settling problems because the filler density is similar to the resin density. This material has good temperature resistance and light weight.

PROPERTIES

appearance.....	black liquid
specific gravity.....	1.04
viscosity.....	100,000 cps
maximum hydrostatic pressure.....	2,500 psi
maximum continuous use temperature.....	160°C
maximum short time use temperature.....	200°C

CURE CONDITIONS

Cure according to the following cure schedule:

20 minutes at 120°C

This time is based on time at temperature. Additional time should be allowed for heat up of the part to temperature.

STORAGE

Storage life is in excess of 1 year at 72°F. Storage at higher temperatures will reduce pot life. Pot life has been exceeded when the material is too viscous to dispense.

HANDLING

All contact with skin or ingestion should be avoided in accordance with normal handling procedures with epoxy resins. No warranty or guarantee is made regarding this material. The user should determine suitability for a given application. For more information see MSDS.

PRICING

2 oz. \$40.00 ea., 1 lb. \$120.00 ea.