

POTTING COMPOUND, EPOXY
Flexible, Thermal Shock Resistant, Heat Cure

1. SCOPE:

- 1.1 Form: This specification covers a flexibilized epoxy resin formulation, supplied as a two-component system, requiring an oven cure for attainment of maximum properties.
- 1.2 Application: Primarily for use as a casting or sealing material where thermal shock resistance is desired and where flammability resistance is not required.

2. APPLICABLE DOCUMENTS: See AMS 3731.

3. TECHNICAL REQUIREMENTS:

- 3.1 Basic Specification: The complete requirements for procuring the product described herein shall consist of this document and the latest issue of the basic specification, AMS 3731.
- 3.2 Material: Shall be a mixed polymer composed of a bisphenol A epoxy and a polyether prepolymer polyurethane based on a toluene di-isocyanate with a curing agent.
- 3.3 Properties: The compound shall conform to the following requirements:
- 3.3.1 Mixed Uncured Compound: The compound, mixed in accordance with manufacturer's instructions, shall exhibit the following properties:
- 3.3.1.1 Viscosity: Shall be not greater than 1000 centipoise (1.0 Pa·s) at 95°C (200°F), determined within 5 min. after mixing, using a Brookfield Model LVF viscometer and No. 2 spindle at 12 revolutions per minute.

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