

AEROSPACE MATERIAL SPECIFICATION

SAE AMS3373/1

REV. B

Issued 1981-01
Revised 1987-07
Reaffirmed 2001-01
Stabilized 2012-01

Superseding AMS3373/1A

Compound, Silicone Rubber, Insulating and Sealing
Oil and Reversion Resistant, Low Viscosity, Room Temperature Cure

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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1. SCOPE:

1.1 Form:

This specification covers an elastomeric silicone insulating and sealing compound, supplied as a two-component system. The compound may be either an addition- or a condensation-cure type.

1.2 Application:

Primarily for use as a resilient potting or encapsulant where low viscosity, oil resistance, closed mold capability, and hydrolytic stability are desired.

2. APPLICABLE DOCUMENTS:

See AMS 3373.

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 3373.

3.2 Material:

Shall be as specified in AMS 3373.

3.3 Properties:

The compound, mixed in accordance with manufacturer's instructions and cured as specified in the basic specification, shall conform to the following requirements, determined in accordance with test methods listed in AMS 3373 and herein: