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Superseding AMS 3670/3A

**Polyamide-Imide Bar, Rod, and Shapes
12% Graphite - 3% Polytetrafluoroethylene Filled**

1. SCOPE:

1.1 Form:

This specification covers a polyamide-imide plastic filled with graphite and polytetrafluoroethylene (PTFE) in the form of molded or extruded bar, rod, and shapes.

1.2 Application:

These products have been used typically for parts requiring low coefficient of friction, wear resistance, thermal resistance, and toughness up to 250 °C (482 °F), but usage is not limited to such applications.

2. APPLICABLE DOCUMENTS:

See AMS 3670.

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 3670.

3.2 Material:

Shall be a molded, polyamide-imide polymer filled with 12% ± 3 by weight graphite and 3% ± 1 by weight polytetrafluoroethylene (PTFE).

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