

Type 13  
10% Polyimide Filled Virgin Polytetrafluoroethylene (PTFE)  
Moldings or Extrusions

#### RATIONALE

This document addresses the specific properties of 10% polyimide filled virgin polytetrafluoroethylene.

#### 1. SCOPE

##### 1.1 Form

This specification covers a polytetrafluoroethylene (PTFE) resin filled with 10% polyimide in the form of extruded or molded rods or tubes which are sintered after molding or, in the case of extrusions, sintered during the extrusion process.

##### 1.2 Application

These products have been used typically for seal components in both static and dynamic applications requiring excellent wear resistance and dimensional stability up to 450 °F (232 °C), but usage is not limited to such applications. Each application should be considered individually.

#### 2. APPLICABLE DOCUMENTS

See AMS3678.

#### 3. TECHNICAL REQUIREMENTS

##### 3.1 Basic Specification

The complete requirements for procuring the products described herein shall consist of this document and the latest issue of the basic specification, AMS3678.

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