

Issued 1999-03
Reaffirmed 2006-06
Revised 2010-11

Superseding AMS3678/1A

Type 1
Virgin Polytetrafluoroethylene (PTFE) Moldings and Extrusions

RATIONALE

This document is being revised to clear up some editorial issues and to maintain the same revision date for AMS3678 and all the accompanying slash sheets.

1. SCOPE

1.1 Form

This specification covers an unfilled grade of virgin polytetrafluoroethylene (PTFE) resin 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 parts such as backup rings and seal components for static and light duty applications requiring dimensional stability up to 450 °F (232 °C) with good mechanical properties, 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.

3.2 Material

All products shall be molded or extruded from virgin polytetrafluoroethylene (PTFE) powder conforming to ASTM D 4894, Type II or Type IV.

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