

AMS3678 CERTIFIED PTFE COMPOUNDS

Parker now offers PTFE compounds that are certified to AMS3678 standards. This certification ensures that our compounds meet the stringent requirements necessary for a wide range of aerospace and industrial applications. Available for all PTFE seals, these certified materials are designed to deliver superior performance, reliability, and longevity. These solutions will be offered as a custom part number.

AMS3678 Certified PTFE Materials Technical Information

Other AMS3678 certified compounds are available upon request. Data sheets for each AMS3678 material available upon request.



AMS3678/1 Grade B

Outstanding chemical resistance with wide service temperature range. Excellent for cryogenic applications. Excellent gas impermeability and fluid sealability with lowest coefficient of friction.

Material	Parker Material Code	Color
Virgin PTFE	TG106	Translucent White

AMS3678/11

Excellent wear resistance with low coefficient of friction especially in dry running. Non-abrasive against the soft shafts and mating surfaces. Excellent high temperature capabilities with very good chemical resistance. Low porosity with best performing filled PTFE compound in vacuum applications.

Material	Parker Material Code	Color
10% Aromatic Polyester Filled PTFE	TG305	Tan

AMS3678/8

High wear resistance with low coefficient of friction in both dry and water applications. High tensile and compressive modulus with increased hardness. Excellent extrusion resistance low deformation under load. Very good chemical resistance in strong alkali and hydrofluoric acid.

Material	Parker Material Code	Color
10% Carbon Fiber Filled PTFE	TG405	Black/Dark Gray

Contact Information:

Parker Hannifin Corporation
Engineered Polymer Systems Division
2220 South 3600 West
Salt Lake City, UT 84119

Phone: 801-972-3000
eps-ccare@parker.com
www.parker.com/eps

Parker Hannifin GmbH
Engineered Materials Group Europe
Arnold-Jäger-Str. 1
74321 Bietigheim-Bissingen Germany

Tel.: +49 7142 351-0
praedifa@parker.com
www.parker.com/praedifa

