



**COMPOUND:** 703

**POLYMER:** Polytetrafluoroethylene (PTFE)

**DESCRIPTION:** A Proprietary PTFE Compound Filled with PPS, Carbon, and MoS<sub>2</sub> (Moly), Compression Molded Stock Shapes and Machined parts

Property	Test Method	Internal Specification Values	Typical Values	Units
Specific Gravity	ASTM D792	1.86 – 1.94	1.90	-
Hardness	ASTM D2240	60 - 70	64	SHORE-D
Tensile Strength at Break	ASTM D1708	1,200 (8.27) Minimum	1,550 (10.69)	PSI (MPa)
Elongation at Break	ASTM D1708	100 Minimum	130	%
Compressive Strength (Axial) @ 0.2% Offset @ Maximum Load	ASTM D695		2,420 (16.69) 4,645 (32.03)	PSI (MPa)

**REVISION HISTORY**

REV. NONE – Initial Release, 7-07-1987 BJ

REV. A – Updated data sheet, 2-15-2012, BJ

REV. B – Added Compressive Strength test data. Deleted Deformation under load and wear test data. Updated data sheet format, 10-02-2020 RSK