



**COMPOUND:** 734

**POLYMER:** Polytetrafluoroethylene (PTFE)

**DESCRIPTION:** 10% Carbon-Graphite Filled PTFE, Compression and Isostatic Molded Stock Shapes and Machined parts

Property	Test Method	Internal Specification Values	Typical Values	Units
Specific Gravity	ASTM D792	2.09 – 2.17	2.13	-
Hardness	ASTM D2240	57 - 67	63	SHORE-D
Tensile Strength at Break	ASTM D1708	3,000 (20.68) Minimum	3,800 (26.20)	PSI (MPa)
Elongation at Break	ASTM D1708	200 Minimum	300	%
Compressive Strength @ 0.2% Offset @ Maximum load	ASTM D695		1,725 (11.89) 5,430 (37.44)	PSI (MPa)
Compressive Modulus	ASTM D695		40,344 (278.16)	PSI (MPa)

**REVISION HISTORY**

REV. NONE – Initial Release, 11--2000, BJ

REV. A – Updated Data Sheet Format, 07-28-2017 BRC

REV. B – Modified spec & typical property values, Deleted Applications/Compliance table. Updated data sheet format, 9-16-2020 RSK