



COMPOUND: 716

POLYMER: Polytetrafluoroethylene (PTFE)

DESCRIPTION: 15% Graphite Filled PTFE Compound, Compression Molded Stock Shapes and Machined parts

Property	Test Method	Internal Specification Values	Typical Values	Units
Specific Gravity	ASTM D792	2.10 – 2.18	2.14	-
Hardness	ASTM D2240	56 - 64	61	SHORE-D
Tensile Strength at Break	ASTM D1708	3,000 (20.68) Minimum	3,500 (24.13)	PSI (MPa)
Elongation at Break	ASTM D1708	200 Minimum	250	%
Deformation under Load 24 Hours @ 2,000 PSI, 73 °F Permanent Deformation after 24 Hours Relaxation	ASTM D621		8.5 (Axial) 9.5 (Radial) 4.3 (Axial) 4.6 (Radial)	%

REVISION HISTORY

REV. A – 3-13-2018 BRC

REV. B – Updated data sheet format, 10-02-2020 RSK