



COMPOUND: 706

POLYMER: Polytetrafluoroethylene (PTFE)

DESCRIPTION: 15% Glass Fiber Reinforced PTFE Compound, Compression Molded Stock Shapes and Machined parts

Property	Test Method	Internal Specification Values	Typical Values	Units
Specific Gravity	ASTM D792	2.15 – 2.25	2.20	-
Hardness	ASTM D2240	58 - 68	63	SHORE-D
Tensile Strength at Break	ASTM D1708	2,840 (19.58) Minimum	3,320 (22.89)	PSI (MPa)
Elongation at Break	ASTM D1708	250 Minimum	280	%

REVISION HISTORY

REV. NONE – Initial Release 6-15-2011 BJ

REV. A – Updated Data Sheet 2-21-2012 BJ

REV. B – Updated Hardness spec and typical value. Deleted Compressive, Deformation, CTE and Thermal Conductivity test date. Updated data sheet format, 10-02-2020 RSK