



COMPOUND: 782

POLYMER: Polytetrafluoroethylene (PTFE)

DESCRIPTION: Carbon Fiber Reinforced and Lubricated MPTFE Compound, Compression Molded Stock Shapes and Machined parts

Property	Test Method	Internal Specification Values	Typical Values	Units
Specific Gravity	ASTM D792	2.00 – 2.08	2.04	-
Hardness	ASTM D2240	60 - 70	64	SHORE-D
Tensile Strength at Break	ASTM D1708	2,400 (16.55) Minimum	2,700 (18.62)	PSI (MPa)
Elongation	ASTM D1708	260 Minimum	300	%

REVISION HISTORY

REV. NONE – Initial Release, 11-15-1995, BJ

REV. A – Modified specification and typical property values, 2-03-2011 BJ

REV. B – Modified specification and typical property values & data sheet format, 6-26-2020 RSK