



COMPOUND: PF03

POLYMER: Phenolic

DESCRIPTION: High Strength Long Glass Fiber Reinforced Phenolic Compound, Molded and Machined parts, Black Colored

Property	Test Method	Typical Values	Units
Specific Gravity	ASTM D792	1.79	-
Water Absorption 24 Hours @ 23 °C 48 Hours @ 50 °C	ASTM D570	0.20 0.40	%
Tensile Strength	ASTM D651	16,900 (116.5)	PSI (MPa)
Flexural Strength	ASTM D790	42,400 (292)	PSI (MPa)
Flexural Modulus	ASTM D790	3.0 X 10 ⁶ (20.7)	PSI (GPa)
Compressive Strength	ASTM D695	42,500 (293)	PSI (MPa)
Hardness	ASTM D785	116	Rockwell M
Impact Strength, Izod, Notched	ASTM D256	36 (1920)	FT.LB/INCH (J/m)

REVISION HISTORY

REV. NONE – Initial Release, 9-09-2016 AM

REV. A – Added more test data and Updated data sheet format, 9-24-2020 RSK