

Technical Data Sheet

EZ032

Description: This material is comprised of carbon and carbon fiber blended with TFM compounded PTFE.

Color: Black

Typical Properties	Test	Value	Units
Specific Gravity	ASTM D-4745	2.05	(-)
Tensile Strength at Break	ASTM D-4745	2000	psi
Elongation at Break	ASTM D-4745	25	%
Hardness	ASTM D2240	58	Shore D
Bulk Density	ASTM D-4745	500	g/l
Deformation Under Load	Based on ASTM D-621	2.0 Initial 1.0 Permanent	% (Test Conditions 2000 psi, 70°F)
Deformation Under Load	Based on ASTM D-621	0.8 Initial 0.9 Permanent	% (Test Conditions 600 psi, 500°F)

Notice:

Technical information, test data and advice provided by Eclipse Engineering are based on information and tests we believe to be reliable and are intended for persons with knowledge and technical skill sufficient to analyze test types and apply adequate safety factors for the given application. Because actual application conditions vary widely, these values are intended for comparative purposes only and the suitability of this material is ultimately left to the end user.