

NOVUM PKC 03 is a 30% Carbon Fiber reinforced version of PEEK featuring significantly higher tensile strength and shear strength.

MATERIAL DATA

S.N	DESCRIPTION	ASTM TEST METHOD	UNIT	SPEC
1	Colour	---	---	Black
2	Density	ISO 1138	Gm/cc	1.4 ± 0.03
3	TensileStrength	ISO 527	MPa	125 (Min)
4	Elongation @ Break	ISO 527	%	2.5
5	Tensile Modulus	ISO 527	GPa	9.3

FEATURES & BENEFITS

Good Chemical Resistance

Lower coefficient of friction

Reduces coefficient of thermal expansion

Continuous Service Temperature of +250°C

APPLICATIONS

Aerospace Seals

Automotive

Valves

Electrical

Note: This information is to the best of our knowledge accurate and reliable and it does not necessarily indicate the end product performance. Hence, it is the customer's responsibility to evaluate the parts prior to use, especially in applications where the failure may result in injury and or damage.

PRODUCT RANGE

Valve Seals

Hardware

Construction Tools

High Pressure Ball Valves

