



TYPICAL APPLICATIONS

Glass fibre is the most commonly used filler for sealing applications. It gives improved compression and wear properties. Molybdenum disulphide improves self-lubrication particularly in dynamic sealing applications.

TYPICAL PHYSICAL PROPERTIES

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.22 – 2.27
TENSILE STRENGTH	(BS EN ISO 13000-2)	14 – 19 MPa
ELONGATION	(BS EN ISO 13000-2)	255 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	56 - 62
WATER ABSORPTION	(ASTM D570)	0.013 %
COMPRESSIVE STRENGTH (2% OFFSET) (ASTM D695)		
AXIAL		10.3 MPa
RADIAL		9.7 MPa
IZOD IMPACT STRENGTH (ASTM D256)		
23°C		3.52 ft.lb/in ²
77°C		4.05 ft.lb/in ²
STATIC COEFFICIENT OF FRICTION at 23°C		0.085
DEFORMATION UNDER LOAD, 24 hours (ASTM D621)		
10.3 MPa, 23°C		1.3 %
10.3 MPa, 38°C		1.6 %
10.3 MPa, 93°C		4.0 %