



Sealmac Seals International Limited

Ingot Building 1
95 Charlotte Road
Stirchley
Birmingham
B30 2BT

Tel: +44 (0) 121 459 4944
Fax: +44 (0) 121 459 8420

FILLED PTFE SPECIFICATION (BT)

DESCRIPTION: Glass Fibre and Molybdenum Disulphide filled PTFE

TYPE: 90% PTFE: 5% Glass Fibre, 5% Molybdenum Disulphide (by weight)

TYPICAL APPLICATIONS:

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

***TYPICAL PHYSICAL PROPERTIES**

DENSITY STRENGTH	(ASTM D1457)	2.23 – 2.26	G/cm ³
TENSILE STRENGTH	(ASTM D1457)	15 – 25	Mpa
ELONGATION	(ASTM D1457)	200 – 300	%
SHORE D HARDNESS	(ASTM D785)	58 – 62	
TEMPERATURE	Continuous Intermittent Operating Medium	-90°C-+280°C -90°C-+300°C -90°C-+260°C	

These figures are typical values for the material and do not represent a product specification. Properties will vary depending on source of raw material, method of processing, physical form of product, direction of measurement etc.

Registered in England 07549806
Director: Rachael McCairn
Company Secretary: Simone Venner