

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 119

DESCRIPTION GLASS FIBRE, CARBON AND GRAPHITE FILLED
PTFE

TYPICAL APPLICATIONS

Glass fibre, carbon and graphite filled PTFE is generally used in dynamic sealing applications. The fillers generally improve the compression and wear properties. Graphite filler improves the self-lubricating properties.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.16 – 2.20
TENSILE STRENGTH	(BS EN ISO 13000-2)	18 - 23 MPa
ELONGATION	(BS EN ISO 13000-2)	175 - 250 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	64 – 69
MAXIMUM OPERATING TEMPERATURE		260°C

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