

Issue 3

DATA SHEET

MATERIAL REFERENCE - FLUORINOID® FL 119

<u>DESCRIPTION</u> 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.

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