



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 144

DESCRIPTION CARBON FIBRE FILLED PTFE

TYPICAL APPLICATIONS

Carbon fibre gives improved compression and wear resistance. In general less filler is needed than glass fibre to produce the same effect. Carbon fibre has excellent chemical resistance.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.060 6 2.110
TENSILE STRENGTH	(BS EN ISO 13000-2)	20 MPa min
ELONGATION	(BS EN ISO 13000-2)	225 % min
SHORE D HARDNESS	(BS EN ISO 13000-2)	55-65
MAXIMUM WORKING 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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