

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 158

DESCRIPTION      GLASS AND MOLYBDENUM DISULPHIDE  
                                 FILLED PTFE

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 6 2.28
TENSILE STRENGTH	(BS EN ISO 13000-2)	min. 20 MPa
ELONGATION	(BS EN ISO 13000-2)	min. 200 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	58 - 64
COEFFICIENT OF FRICTION (LNP STD) @ 2.3 bar, 1.2 m/s		0.07
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.

MATERIAL DATA SHEET

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