

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 283DESCRIPTION PTFE WITH SPECIAL FILLERSTYPICAL APPLICATIONS

A special grade of PTFE designed to give good compressive properties without sacrificing tensile properties.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.27 – 2.31
TENSILE STRENGTH	(BS EN ISO 13000-2)	>14 MPa
ELONGATION	(BS EN ISO 13000-2)	>200 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	63 - 73
COMPRESSION AT 2% OFFSET YIELD		>13 MPa
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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