



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 112

DESCRIPTION MOLYBDENUM DISULPHIDE FILLED PTFE

TYPICAL APPLICATIONS

Molybdenum disulphide acts as a friction improver and also increases the hardness and stiffness of PTFE.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.16 – 2.26
TENSILE STRENGTH	(BS EN ISO 13000-2)	20MPa minimum
ELONGATION	(BS EN ISO 13000-2)	275% minimum
SHORE D HARDNESS	(BS EN ISO 13000-2)	58 - 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.

MATERIAL DATA SHEET