

Issue 3

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.

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