

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 131DESCRIPTION BLUE PTFETYPICAL APPLICATIONS

PTFE has a wide range of applications that make use of its extreme chemical resistance, very low coefficient of friction, excellent electrical insulation properties and thermal stability.

PTFE can be used over a wide temperature range from liquid helium temperatures (-269°C) – at which temperature it does not undergo embrittlement, up to 260°C (which may sometimes be exceeded under moderate loads).

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.14 - 2.19
TENSILE STRENGTH	(BS EN ISO 13000-2)	min 20 MPa
ELONGATION	(BS EN ISO 13000-2)	min 250%
SHORE D HARDNESS	(BS EN ISO 13000-2)	55 - 65

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.