



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 151

DESCRIPTION PTFE WITH SPECIAL FILLERS

COLOUR TURQUOISE

TYPICAL 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 up to 250°C.

The special fillers incorporated in this formulation are particularly intended to extend its suitability in dynamic sealing applications.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.14 – 2.20
TENSILE STRENGTH	(BS EN ISO 13000-2)	22 MPa Min
ELONGATION	(BS EN ISO 13000-2)	250 % Min
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.