



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 371

DESCRIPTION      PEEK WITH SPECIAL FILLERS

TYPICAL APPLICATIONS

PEEK is a high performance engineering thermoplastic with good chemical resistance, good wear resistance, high maximum use temperature, low flammability, excellent electrical properties and good radiation resistance.

FL 371 has been developed to give greater flexibility and a lower coefficient of friction. These properties are of particular interest to valve manufacturers for the construction of valve seats.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	1.43
TENSILE STRENGTH	Minimum 65MPa
ELONGATION	Minimum 7.5%
MODULUS OF ELASTICITY	Minimum 3.0GPa
HARDNESS	82 ShoreD

# 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

Fluorocarbon Company Ltd  
Caxton Hill, Hertford, Herts  
SG13 7NH, UK

Tel: +44 (0)1992 550731

Fax: +44 (0)1992 584697

Email: [info@fluorocarbon.co.uk](mailto:info@fluorocarbon.co.uk)

Web: [www.fluorocarbon.co.uk](http://www.fluorocarbon.co.uk)

Fluorinoid® is a registered trademark of Fluorocarbon Company Ltd, Caxton Hill, Hertford, Herts, SG13 7NH