

MATERIAL DATASHEET

Material Reference:

FLUORINOID® FL371

PEEK with Special Fillers

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> Description >

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.

FL371 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

Properties	Value
Specific Gravity	1.43
Tensile Strength	min. 65MPa
Elongation	min. 7.5%
Modulus of Elasticity	min. 3.0GPa
Hardness Shore D	82

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.