



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 350

DESCRIPTION VIRGIN PEEK

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.

TYPICAL PHYSICAL PROPERTIES #

	Injection Moulded	Extruded	Spun	Compression Moulded
SPECIFIC GRAVITY (±0.03)	1.30	1.30	1.32	1.32
TENSILE STRENGTH (Min)	100MPa	95MPa	95MPa	65MPa
ELONGATION (Min)	80%	60%	20%	5%
HARDNESS (ShoreD)	80 - 90			
MAXIMUM TEMPERATURE	260°C			
MINIMUM TEMPERATURE (All applications)	-50°C			
MINIMUM TEMPERATURE (Application Specific Only)	-150°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.

Fluorinoid® is a registered trademark of Fluorocarbon Group

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