



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 341

DESCRIPTION VIRGIN PES (POLYETHERSULPHONE)

TYPICAL APPLICATIONS

FL 341 is high performance engineering thermoplastic, combining high thermal stability and mechanical strength. It is tough, rigid and strong with outstanding long-term load-bearing properties. Most of these properties are retained at temperatures up to 200°C.

TYPICAL PHYSICAL PROPERTIES #

		Injection Moulded
SPECIFIC GRAVITY	(ASTM D792)	1.37
TENSILE STRENGTH	(ASTM D638)	> 70 MPa
ELONGATION	(ASTM D638)	> 40 %
COMPRESSIVE STRENGTH	(ASTM D695)	80 MPa
HARDNESS ROCKWELL M	(ASTM D785)	88
MAXIMUM CONTINUOUS USE TEMPERATURE	(UL 746B)	180°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.

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FLUOROCARBON

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

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