

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 352DESCRIPTION GLASS FIBRE FILLED PEEKTYPICAL APPLICATIONS

Glass fibre filled grade of 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 | Compression Moulded |
|------------------------------------|--|---------------------|
| SPECIFIC GRAVITY | 1.49 | 1.56 |
| TENSILE STRENGTH | 170 MPa | 50 MPa |
| ELONGATION | 2.2 % | 3 % |
| COMPRESSIVE STRENGTH | 215 MPa (With flow) 149 MPa (Across flow) | - |
| MAXIMUM CONTINUOUS USE TEMPERATURE | 260°C | 260°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.

MATERIAL DATA SHEET

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