

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 464DESCRIPTION SEMI CRYSTALLINE POLYESTERTYPICAL APPLICATIONS

FL 464 is suitable for mechanical parts which require dimensional stability, low wear, low friction coefficient and low cost without the necessity to resist very corrosive chemicals. It has HB flammability rating according to UL94.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	1.39
TENSILE STRENGTH AT YIELD	85 MPa
ELONGATION AT BREAK	15 %
TENSILE MODULUS	3400 MPa
COMPRESSIVE STRENGTH	103 MPa
HARDNESS, ShoreD	87
WATER ABSORPTION (Immersion 24hr)	0.07%
COEFFICIENT OF FRICTION TO STEEL	0.20
WEAR	121x10 ⁻⁸ mm ³ /N-M
LIMITING PRESSURE VELOCITY	5.9 MPa-m/min
MELTING POINT	245

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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