

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 161DESCRIPTION BRONZE AND GRAPHITE FILLED PTFETYPICAL APPLICATIONS

Used in dynamic sealing and bearing applications where the bronze filler gives improved wear resistance and compressive strength and the graphite improved frictional properties. The electrical properties and chemical resistance are reduced.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	3.32
TENSILE STRENGTH	(BS EN ISO 13000-2)	min. 10 MPa
ELONGATION	(BS EN ISO 13000-2)	min. 20 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	68-73
MAXIMUM WORKING TEMPERATURE		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.