



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 141

DESCRIPTION BRONZE FILLED PTFE

FORMULATION 60% BRONZE, 40% PTFE (BY WEIGHT)

TYPICAL APPLICATIONS

Addition of bronze to PTFE increases hardness and compressive strength, provides better dimensional stability and lowers creep, cold flow and wear. It also increases thermal and electrical conductivity.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000 – 2)	3.8 – 4.0
TENSILE STRENGTH	(BS EN ISO 13000 – 2)	10MPa min.
ELONGATION	(BS EN ISO 13000 – 2)	100% min.
SHORE D HARDNESS	(BS EN ISO 13000 – 2)	65 - 75

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