

MATERIAL DATASHEET

Material Reference:

FLUORONOID® FL114

Carbon and Graphite Filled PTFE

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> **Description** >

Carbon and graphite filled PTFE is used in dynamic sealing applications. Carbon filler gives good compression and wear resistance, good thermal conductivity and low permeability. Graphite improves the self-lubricating properties.

> **Typical Physical Properties #**

Properties	Value	Method
Specific Gravity	2.05 - 2.13	BS EN ISO 13000-2
Tensile Strength	12 MPa (Minimum)	BS EN ISO 13000-2
Elongation	150% (Minimum)	BS EN ISO 13000-2
Shore D Hardness	63 - 70	BS EN ISO 13000-2

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.