

MATERIAL DATASHEET

Material Reference:

FLUORONOID® FL117

High Temperature Aromatic Polyester

Filled PTFE

+44 (0) 845 2505 100



info@fluorocarbon.co.uk



www.fluorocarbon.co.uk



> **Description** >

Polymeric fillers of this type are of particular use in bearing applications where minimum wear of the opposing surface is of importance. In addition any residue from wear is light in colour and relatively inert.

> **Typical Physical Properties #**

Properties	Value	Method
Specific Gravity	2.0-2.10	BSN 13000-2
Tensile Strength	min. 18 MPa	BSN 13000-2
Elongation	min 230%	BSN 13000-2
Shore D Hardness	59-69	BSN 13000-2
Wear Rate (m ³ /Nm x 10 ⁻¹⁶)	6.4	
Max Working Temp	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.