

MATERIAL DATASHEET

Material Reference:
FLUORONOID® FL546
PTFE with Polymeric Filler

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> Description >

FL 546 is typically used in bearing applications where minimal wear of the opposing surface is of importance.

> Typical Physical Properties

Properties	Value	Method
Specific Gravity	1.99-2.06	BS EN ISO 13000-2
Minimum Tensile Strength	21MPa	BS EN ISO 13000-2
Minimum Elongation	220%	BS EN ISO 13000-2
Shore D Hardness	57-64	BS EN ISO 13000-2
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.