



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL 546

DESCRIPTION PTFE WITH POLYMERIC FILLER

COLOUR BROWN

TYPICAL APPLICATIONS

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

TYPICAL PHYSICAL PROPERTIES #

	Compression Moulded	HiLo Moulded
SPECIFIC GRAVITY (BS EN ISO 13000-2)	2.00-2.10	2.00-2.10
MINIMUM TENSILE STRENGTH (BS EN ISO 13000-2)	20MPa	22MPa
MINIMUM ELONGATION (BS EN ISO 13000-2)	210%	240%
SHORE D HARDNESS (BS EN ISO 13000-2)	57-64	57-64
MAXIMUM WORKING TEMPERATURE	260°C	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.

MATERIAL DATA SHEET

Fluorocarbon Company Ltd
Caxton Hill, Hertford, Herts
SG13 7NH, UK

Tel: +44 (0)1992 550731

Fax: +44 (0)1992 584697

Email: info@fluorocarbon.co.uk

Web: www.fluorocarbon.co.uk

Fluorinoid® is a registered trademark of Fluorocarbon Company Ltd, Caxton Hill, Hertford, Herts, SG13 7NH