



DATA SHEET

MATERIAL REFERENCE – FLUORONOID® FL010

DESCRIPTION      VIRGIN PTFE

Material approved in accordance with **NORSOK M-710** Annex C, by Element Materials Technology Report No. C3014-1

TYPICAL APPLICATIONS

PTFE has a wide range of applications that make use of its extreme chemical resistance, very low coefficient of friction, excellent electrical insulation properties and thermal stability up to 260°C.

TYPICAL PHYSICAL PROPERTIES

Rod and tube can be compression moulded and will normally satisfy Grade 1. Material can be certified as satisfying these grades for a small extra cost (if required).

Properties	Unit	Grade 1	Grade 2
Density	g / cm <sup>3</sup>	2.13 – 2.19	
Tensile Strength	MPa	>25	>20
Elongation	%	>280	>200
Hardness	ShoreD	55-65	

Properties determined in accordance with BS EN ISO 13000-2

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