



DATA SHEET

MATERIAL REFERENCE – FLUORINOID® FL012

DESCRIPTION      MOLYBDENUM DISULPHIDE FILLED PTFE

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

TYPICAL APPLICATIONS

Molybdenum disulphide increases the hardness and stiffness of PTFE whilst maintaining a low coefficient of friction

TYPICAL PHYSICAL PROPERTIES

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	2.22
TENSILE STRENGTH	(BS EN ISO 13000-2)	min. 20 MPa
ELONGATION	(BS EN ISO 13000-2)	min 210 %
SHORE D HARDNESS	(BS EN ISO 13000-2)	60 - 65
MAXIMUM WORKING TEMPERATURE		260°C