



DATA SHEET

MATERIAL REFERENCE – FLUORONOID® FL 549

DESCRIPTION FDA COMPLIANT GRADE OF FILLED PTFE

FORMULATION FDA COMPLIANT PTFE WITH SPECIAL FDA
COMPLIANT POLYMERIC FILLER

TYPICAL APPLICATIONS

Polymeric fillers of this type are of particular use in bearing applications where minimum wear of the opposing surface is of importance.

The PTFE satisfies the compositional requirements of the US FDA regulation 21 CFR 177:1550. The special filler satisfies the compositional requirements of US FDA regulation 21 CFR 177.2415.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(BS EN ISO 13000-2)	1.95 6 2.05
TENSILE STRENGTH	(BS EN ISO 13000-2)	15 - 20 MPa
ELONGATION	(BS EN ISO 13000-2)	200 - 250 %
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.