

8100

Material Data Sheet

100% Virgin PTFE NFF



PTFE & PEEK COMPOUNDS

Product Description

Virgin PTFE contains no fillers and is supplied to a strict particle size and purity specification. This resin is ideal for compression moulding of stock shapes that require optimum electrical and mechanical properties.

This formulation offers the following performance advantages:-

- Excellent chemical resistance
- Extremely low friction / non-stick properties
- FDA compliant - (Food Safe)
- High temperature resistance – (260° C continuous)

Typical Applications

- Gaskets and Tapes
- Mechanical Seals
- Electrical Insulators
- Bridge Bearing Pads
- Laboratory Equipment (eg Test Tubes)
- Tank and Pipe Linings



FLUOROPACIFIC

Specialist PTFE & PEEK Processors
Fluoro Polymer Engineers

Physical Properties

Property	Value	Unit
Colour	White	
Bulk Density	500	g/l
Specific Gravity	2.17	g/cm ³
Hardness	58	Shore D
Tensile Strength	28	MPa
Elongation	300	%
Shrinkage	2.2	%
Rec Preform Pressure	25	MPa
Water Absorption Rate	Hydrophobic	

Delivery Program

Resin is sealed in two-layer plastic bags inside a rigid 25 or 30kg drum. It should be stored at 22 to 25°C for 24 hours before processing.

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Figures provided are statistical average values. All data herein is represented in good faith, however without guarantee or warranty.