

MATERIAL SPECIFICATION
(TYPICAL PROPERTIES)

PRODUCT: PTFE +25% GLASS FIBRE

<u>Property</u>	<u>Method</u>	<u>Units</u>	<u>Specification</u>
Specific gravity	ASTM D792	-	2,230 – 2,260
Tensile strenght	ASTM D4894	MPa	13 - 18
Elongation	ASTM D4894	%	180 - 220
Hardness	ASTM D2240	Shore D	60 - 65
Friction Coefficient	ASTM D1894	/	Dynamic 0,15
Wear Coefficient	Int.	/	10 - 20
Deformation under load (14N/mm ² , 24 h at 23° C.)	ASTM D621	%	10 - 12
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D695	%	5 – 6
Volume Resistivity	ASTM D257	Ohm cm	10 ¹⁵
Service Temperature		C°	-200 / +260

Properties

Improved compression and wear resistance; excellent chemical stability.
Better thermal conductivity.