



MACHINIST OF PTFE COMPONENTS AND OTHER  
HIGH PERFORMANCE ENGINEERING PLASTICS

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Material Specification Sheet

PTFE + 15% GLASS + 5% MOLY

Mechanical Properties

Specific Gravity		2.25 g/cm <sup>3</sup>
Tensile Strength		19 MPa
Elongation @ Break		240%
Hardness		60 Shore D
Coefficient of friction		0.06
		0%

Thermal Properties

Service Working Temperature		Can be lower than VPTFE
Maximum Working Temperature		Due to fillers
Crystalline Melting Point		

Characteristics

Addition of 5% Molybdenum Disulphide makes for harder wearing and stability than PTFE/Glass.
Typical application in rotary liquid pumps.

