

Tetron BL (PTFE)

PTFE Product Description:

Tetron 34101 is a unique ceramic filled PTFE with elastic behaviour under mechanical stress. The alloyed material has low heat conductivity and chemical inertness. It has excellent tribological friction and wear properties over glass fibre filled PTFE, causing less abrasive wear with lower permeation. Do not use in food applications.

PTFE Applications:

- Hydraulic seals
- Pneumatic seals
- High duty bearings
- Pump seals and shaft guides
- Ball valve seats
- Low friction wear strips at elevated temperatures



PTFE Delivery Program



PTFE Sheet
Thickness: 10 - 25 mm
Size: 610 x 610 mm



PTFE Rod
Diameters: 20 - 60 mm



PTFE Tube
Outside Diameter: 36 - 625 mm

Physical Properties

Specific Gravity:	g/cm ³	2.34
Service Temperature in Air:	°C	260
Tensile Strength Yield:	Mpa	25.9
Impact Resistance: DIN 5305 Notched Impact Strength	MJ/mm ²	190
Hardness:	Shore D	62
Surface Resistivity:	Ohms	1x10 ¹²
Flammability:	°C	530
Elongation:	CD%	370
Co-efficient of Friction: Test Method Polish Steel 23°C	Static	0.06

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