

Tetron B (PTFE)

PTFE Product Description:

TETRON B is the trade name for bronze - filled polytetrafluorethylene (PTFE). Bronze is a copper and tin alloy providing better creep resistance than most of the PTFE alloys. It is often used in hydraulic systems but is not suited to electrical applications. Bronze is also attacked by certain chemicals. The product has a dark brown colour, a non -oxidizing alloy is used for good appearance.

PTFE Applications:

- Piston Rings (Compressors)
- Bushes - Bearings
- Gaskets
- Seals - Hydraulic Systems

PTFE Delivery Program - Dark Brown



PTFE Sheet

Thickness: 3 - 50 mm
Size: 610 x 610 mm



PTFE Rod

Diameters: 20 -150 mm



PTFE Tube

Outside Diameter: 36 - 625 mm



Machined PTFE Parts



Physical Properties

Specific Gravity:	g/cm ³	3.9
Continuous Operating Temperature:	°C	260
Tensile Strength:	Mpa	23
Impact Resistance:	Izod ASTM D296 J/m	161
Hardness:	Shore D	67
Co-efficient of Thermal Expansion:	mm/(mmxK)x10	CD=132 MD=134
Dielectric Strength:	KV/mm	N/A
Surface Resistivity:	Ohms	>1x10 ¹⁶
Flammability Flash Point:	°C	530
Elongation:	%	322
Co-efficient of Friction:	Dynamic	0.13
Test Method Polish Steel 23°C	Static	0.09

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