

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



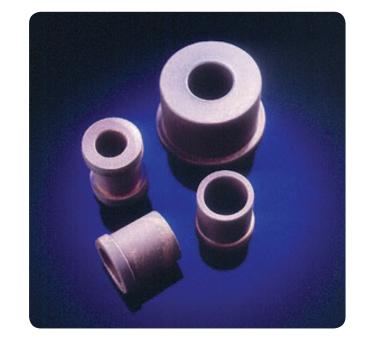
PTFE Rod Diameters: 20 -150 mm



PTFE Tube
Outside Diameter: 36 - 625 mm



Machined PTFE Parts



| Physical Properties | | |
|---|--------------------|---------------------|
| Specific Gravity: | g/cm³ | 3.9 |
| Continuous Operating Temperature: | °C | 260 |
| Tensile Strength: | Мра | 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-effiecient of Friction: Test Method Polish Steel 23°C | Dynamic Static | 0.13 0.09 |

This specification provides typical data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. Dotmar EPP PTY assumes no liability for use of information presented herein.

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