DOTMAR
ENGINEERING PLASTICS

MATERIAL DATA SHEET

TETRON B

A NON-OXIDISING 40% BRONZE FILLED PTFE COMPOUND.

Features

Bronze is an alloy of copper and tin. The non-oxidising alloy provides a consistent finished product appearance which is dark brown in colour. Avoid use with Hydrofluoric Acid (HF) and strong alkalis. Not suited to electrical applications. Bronze is also attacked by certain chemicals.

Benefits

Bronze filled PTFE provides:

- Excellent creep resistance
- Excellent wear resistance
- Strong thermal dissipation characteristics
- Strong electrical dissipation characteristics

Typical Applications

- Piston rings·Bushes - Bearings
- Linear bearings and guides
- Wear bands and strips
- Seals - Hydraulic systems

PHYSICAL PROPERTIES

TETRON B		
TYPICAL PROPERTIES	UNIT	VALUE
Colour		Gold/Brown
Specific Gravity	g/cm3	3.10
Hardness	Shore D	65-6
Tensile Strength	MPa	7 21
Elongation at Break	%	280

AUSTRALIA | 1800 170 001 | sales@dotmar.com.au | dotmar.com.au
NEW ZEALAND | 0800 650 750 | sales@dotmar.co.nz | dotmar.co.nz