DOTMAR
ENGINEERING PLASTICS

MATERIAL DATA SHEET

TETRON G

A 25% GLASS FIBRE FILLED PTFE COMPOUND.

Features

Glass is the most commonly used PTFE filler. The glass filler used is E-glass milled fibre. This ensures even dispersion and optimum properties. Glass filled mouldings have a homogenous and dense structure. The surface is smooth with a white to light grey appearance. Avoid use with Hydrofluoric Acid (HF) and strong alkalis.

Benefits

- The inclusion of glass fillers results in lower deformation under load at both high and low temperatures.
- Wear resistance is significanly improved.
- The inclusion of glass has little effect on electrical properties.

Typical Applications

- Piston rings
- Valve seats
- Shaft seals
- Electrical insulators
- Bridge and pipe bearing pads
- Gaskets

PHYSICAL PROPERTIES

TETRON G		
TYPICAL PROPERTIES	UNIT	VALUE
Colour		White
Specific Gravity	g/cm3	2.24
Hardness	Shore D	62
Tensile Strength	MPa	17
Elongation at Break	%	225

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