DOTMAR
ENGINEERING PLASTICS

MATERIAL DATA SHEET

TETCO V

100% VIRGIN - MODIFIED PTFE NFF.

Features

A chemically modified 100% virgin PTFE that contains no fillers and is supplied to a strict particle size and purity specification. This product fills the gap between conventional PTFE and melt-processable PFA.

Benefits

This grade offers the following performance advantages:

- Excellent weldability
- Lower deformation under load
- Very low permeability
- High dielectric strength vs standard PTFE
- Good electrical conductivity

Typical Applications

- Ball valve seats
- Electrical insulators
- Tank & Pipe linings
- Bushes & Bearings
- Semi-conductor processing parts

PHYSICAL PROPERTIES

TETCO V		
TYPICAL PROPERTIES	UNIT	VALUE
Colour		White
Specific Gravity	g/cm^3	2.17
Hardness	Shore D	59
Tensile Strength	MPa	21.5
Elongation at Break	%	450
Shrinkage	%	2.7
Max/Min Operating Temp	°C	-260/260