

UHMW

# TIVAR 1000



## Description

The Tivar1000 UHMW is an engineered polymer with a unique combination of wear and corrosion resistance, low friction surface and impact strength. It is resistant to chemical attack and moisture absorption. And is a cost-effective solution for food handling problems which meets FDA, USDA and 3-A Dairy guidelines for food processing and handling.

## Applications

It is a cost-effective solution for food handling problems which meets FDA, USDA and 3-A Dairy guidelines for food processing and handling.

## Specifications

### Technical Data

Specific gravity (ASTM D-792)	.93
Temperature	82 °C (180 °F)
Tensile strength (ASTM D-638) (psi)	5 800
Flexural strength (ASTM D-790) (psi)	3 500
Compressive strength (ASTM D-695) (psi)	3 000
Hardness, D Scale (ASTM D-638)	66
Elongation (ASTM D-638) (%)	300
Dielectric strength (ASTM D-149) (v/mil)	2 300
Water absorption, 24 hours %	0.01

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by

the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.