

UHMW

TIVAR HOT



Description

The Tivar HOT excels in a variety of industrial manufacturing environments where temperatures range up to 275°F. It has excellent wear characteristics and is FDA complaint.

Applications

This grade is used on conveyor systems in the poultry/meat processing and packaging.

Specifications

Technical Data

Specific gravity (ASTM D-792)	0.94
Temperature	135 °C (275 °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-2240)	68
Elongation (ASTM D-638) (%)	300
Dielectric strength (ASTM D-149) (v/mil)	2 300
Water absorption (ASTM D-570) 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.