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POLYETHYLENE

UHMW-LDPE



Description

Polyethylene LDPE is white(natural) and is approved by FDA. It has a superior resistance to chemicals and is well known for its flexibility, welding capability and thermoformable properties. Available in glossy or other finishes.

Applications

This material is mainly used in the food, medical and chemical industries. It is also used in the manufacturing of sporting equipment, prothesis, packaging products and many other areas.

Specifications

Technical Data

Specific gravity (ASTM D-792)	0.933
Tensile strength (ASTM D-638) (psi)	2000
Hardness, D Scale (ASTM D-2240)	45
Temperature	82 °C (180 °F)
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.