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POLYETHYLENE

UHMW-HDPE

Pulp and Paper



Description

Polyethylene HDPE 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

It is mainly used in the food, medical and chemical industries. It is used in the manufacturing of tanks, sporting equipment, prosthesis, packaging products and many other areas

Specifications

Technical Data

Specific gravity (ASTM D-792)	0.035
Tensile strength (ASTM D-638) (psi)	4 600
Hardness, D Scale (ASTM D-2240)	69
Temperature	82 °C (180 °F)
Water absorption, 24 hours %	0

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.