



INDUSTRIES 3R

**Danville Office**  
55, route 116 Ouest  
Danville (Québec) Canada  
J0A 1A0

Phone: 819-839-2793  
Fax: 819-839-2797  
Toll-free: 800-567-2728  
E-mail: [info@industries3r.com](mailto:info@industries3r.com)

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)	0.033
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.