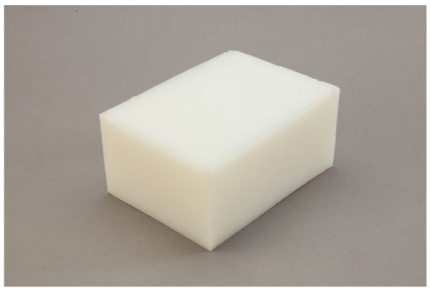
P: 1.800.999.1700 | F: 610.459.1084 | info@westlakeplastics.com | 490 West Lenni Road, Lenni, PA 19052 U.S.A.

Ethylux®



Ethylux® LDPE is made from resin that is suitable for use in certain food contact applications, contact your local Westlake Plastics representative for specific regulatory declarations. Ethylux is a semi-rigid, lightweight plastic material, noted for its low temperature flexibility, toughness, and corrosion resistance. The polymer also has a wide use for food processing and packaging markets. Ethylux® LDPE has good chemical and impact resistance and is easy to fabricate and form. It is a flexible product and is used widely in orthotics and prosthetics. Ethylux® LDPE is also frequently used in consumer packaging, bags, bottles, and liners.

INDUSTRY

Chemical Process

Engineering

COLORS AVAILABLE

Natural

ATTRIBUTES

- Chemical Resistance
- Impact Resistance
- Food Contact

SHAPES

- Compression Sheet

TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Tensile Elongation @ Break	D638	650.00 %	650.00 %
Tensile Strength @ Break	D638	1.8 kpsi	12.40 MPa

*Data above is based on testing of injection molded test specimens

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PRODUCT SHAPES & DIMENSIONS

Compression Sheets: 48"W x 96"L (122cm x 244cm)

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.5" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	4.25" (107.95mm)
4.50" (114.3mm)	4.75" (120.65mm)	5" (127mm)	5.25" (133.35mm)	5.50" (139.7mm)	5.75" (146.05mm)
6" (152.4mm)					

Compression Sheets: 48"W x 120"L (122cm x 305cm)

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	4.25" (107.95mm)
4.50" (114.3mm)	4.75" (120.65mm)	5" (127mm)	5.25" (133.35mm)	5.50" (139.7mm)	5.75" (146.05mm)
6" (152.4mm)					

Compression Sheets: 60"W x 120"L (152cm x 305cm)

0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)	1.50" (38.1mm)
1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)	3" (76.2mm)

LAST REVISED: 08/18/2025

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