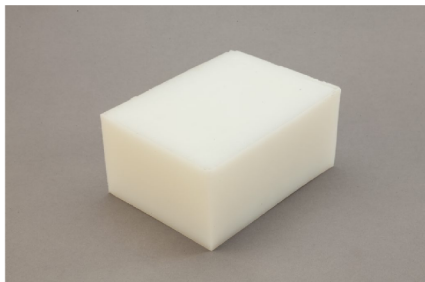




P: 1.800.999.1700 | F: 610.459.1084 | info@westlakeplastics.com | 490 West Lenni Road, Lenni, PA 19052 U.S.A.

Ultra Ethylux® WM



Ultra Ethylux® High Density Polyethylene (HDPE) is one of the most widely utilized thermoplastics due to its relative low cost, light weight, toughness, resistance to a broad range of chemicals and low moisture absorption. It meets a range of regulatory standards making it suitable for use in food processing, medical device and pharmaceutical processing and packaging applications.

INDUSTRY



Life Sciences

COLORS AVAILABLE



Natural

ATTRIBUTES



Biocompatibility



Impact Resistance



Low Moisture Absorption



Chemical Resistance



SHAPES

Compression Sheet





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

Ultra Ethylux® WM

TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus - Tangent	D790	199 kpsi	1,370 MPa
Tensile Elongation @ Break	D638	600%	600%
Tensile Strength @ Break	D638	3..9 kpsi	27 MPa
Physical			
Specific Gravity	D792	0.955	0.955

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



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

Ultra Ethylux® WM

PRODUCT SHAPES & DIMENSIONS

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

0.25" (6.35mm)	0.5" (12.7mm)	0.75" (19.05mm)	1.0" (25.4mm)	1.25" (31.75mm)	1.5" (38.1mm)
1.75" (44.45mm)	2.0" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)	3.0" (76.2mm)
3.25" (82.55mm)	3.5" (88.9mm)	3.75" (95.25mm)	4.0" (101.6mm)		

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)	1.0" (25.4mm)	1.25" (31.75mm)
1.5" (38.1mm)	1.75" (44.45mm)	2.0" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)
3.0" (76.2mm)	3.25" (82.55mm)	3.5" (88.9mm)	3.75" (95.25mm)	4.0" (101.6mm)	

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

0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1.0" (25.4mm)	1.25" (31.75mm)	1.5" (38.1mm)
1.75" (44.45mm)	2.0" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)	3.0" (76.2mm)
3.25" (82.55mm)	3.5" (88.9mm)	3.75" (95.25mm)	4.0" (101.6mm)		

LAST REVISED: 01/30/2025

This information is offered solely for your consideration, examination and verification, and is to be construed neither as a warranty nor guarantee that the same results as those stated herein will be obtained by the use to which others may put the material. Each user of the material should make his own tests to determine the characteristics and suitability of the material for his own particular use and the use which will be made of the completed product. This publication is not to be taken as a license to operate under, or a recommendation to infringe any patents. The observance of all legal regulations and patents is the responsibility of the user. The buyer's exclusive remedy against the seller shall be for the repair or replacement of defective stock. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or other incidental or consequential loss) shall be available to the buyer.

EXCLUSION OF WARRANTIES: THERE ARE NO WARRANTIES AS TO THE MATERIAL DESCRIBED HEREIN, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. ANY VALUES STATED IN SELLER'S LITERATURE ARE TYPICAL PROPERTIES ONLY.