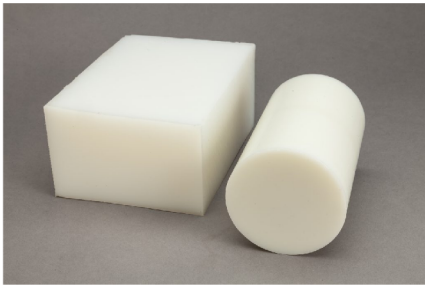




P: 1.800.999.1700 | F: 610.459.1084 | info@westlakeplastics.com | 490 West Lenni Road, Lenni, PA 19052 U.S.A.

Propylux®



Propylux polypropylene is a semi-crystalline thermoplastic exhibiting excellent chemical resistance, low moisture absorption, moderate heat resistance, and good impact resistance.

INDUSTRY



Chemical Process



Engineering



Food Processing

COLORS AVAILABLE



Black



Natural

ATTRIBUTES

	Chemical Resistance	✓
	Low Moisture Absorption	✓
	Food Contact	✓

SHAPES

Extruded Slab	✓
Compression Sheet	✓
Extruded Film	✓
Extruded Rod	✓



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TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	258 kpsi	1,786.0 MPa
Flexural Strength - 5%	D790	7.4 kpsi	51.0 MPa
HDT @ 64 psi	D648	205 °F	96 °C
Izod Impact Resistance - Notched	D256	1.60 ft-lb/in	85.0 J/m
Izod Impact Resistance Unnotched	D256	22.0 ft-lb/in	1,174 J/m
Specific Gravity	D792	0.90	0.90
Tensile Elongation @ Break	D638	19.0%	19.0%
Tensile Elongation @ Yield	D638	7.0%	7.0%
Tensile Strength @ Break	D638	4.4 kpsi	31 MPa
Tensile Strength @ Yield	D638	5.1 kpsi	35 MPa



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PRODUCT SHAPES & DIMENSIONS

Rods: 48"L (122cm)

2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)	3" (76.2mm)	3.25" (82.55mm)	3.5" (88.9mm)
3.75" (95.25mm)	4" (101.6mm)	4.25" (107.95mm)	4.5" (114.3mm)	4.75" (120.65mm)	5" (127mm)
5.25" (133.35mm)	5.5" (139.7mm)	5.75" (146.05mm)	6" (152.4mm)		

Rods: 96"L (244cm)

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)					

Extruded Slabs: 24"W (61cm)

0.75" (19.05mm)	1.0" (25.4mm)	1.25" (31.75mm)	1.5" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)
2.5" (63.5mm)					

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)
1.5" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)					

Extruded Films: 26"W (66cm)

0.002" (0.05mm)	0.003" (0.08mm)	0.004" (0.1mm)	0005" (127mm)
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LAST REVISED: 08/28/2025

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