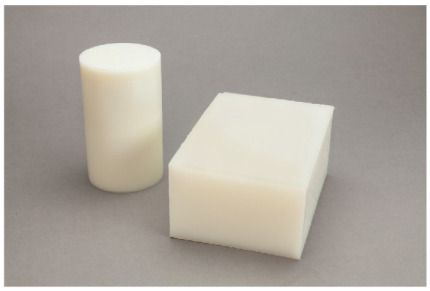
P: 1.800.999.1700 | F: 610.459.1084 | info@westlakeplastics.com | 490 West Lenni Road, Lenni, PA 19052 U.S.A.

Propylux® VF

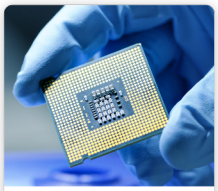


Propylux™ VF is made from resin that is suitable for use in certain food contact applications, contact your local Westlake Plastics representative for specific regulatory declarations. Propylux VF is manufactured as a void-free polypropylene (PP) copolymer. Highly chemically resistant, all Propylux™ VF sheet and rod products are 100% ultrasonically tested and guaranteed to be free of voids or porosity. Propylux™ VF is suitable for a wide range of uses, from chemical storage tanks to machined pump housings and manifolds.

INDUSTRY

Chemical Process

Engineering



Semiconductor and ESD

COLORS AVAILABLE

Natural

ATTRIBUTES

- Food Contact
- Chemical Resistance
- Impact Resistance

SHAPES

- Compression Sheet
- Extruded Film
- Extruded Rod

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TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus - 1% Secant	D790	151 kpsi	1040 MPa
Tensile Elongation @ Yield	D638	11 %	11 %
Tensile Strength @ Break	D638	3.2 kpsi	22 MPa
Tensile Strength @ Yield	D638	4 kpsi	28 MPa
Izod Impact Resistance - Notched	D256	1.0 ft-lb/in	0.054 kJ/m
Thermal			
HDT @ 64 psi	D648	172 °F	79 °C
Other			
Specific Gravity	D792	0.90	0.90

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

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Propylux® VF

PRODUCT SHAPES & DIMENSIONS

Rods: 48"L (122cm)

2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)	3.0" (76.2mm)	3.25" (82.55mm)	3.5" (88.9mm)

Rods: 96"L (244cm)

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)					

Compression Sheets: 24"W x 48"L (61cm x 122cm)

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)	

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)
1.50" (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)	

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)	

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Propylux® VF

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

Extruded Films: 26"W (66cm)

0.002" (0.05mm)	0.003" (0.08mm)	0.004" (0.1mm)	0.005" (0.13mm)

LAST REVISED: 08/28/2025

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