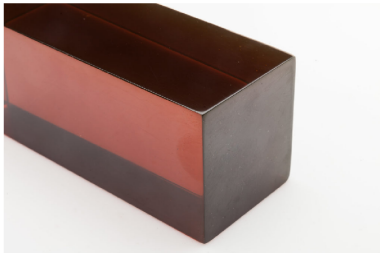




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 490 West Lenni Road
 Lenni, PA 19052 U.S.A.
 Email: info@westlakeplastics.com

Tempalux® WM



Tempalux® WM is Westlake's medical grade polyetherimide (PEI). This material is FDA, USP VI, and ISO-10993 compliant. Its regulatory compliance profile and lot traceability make it ideal for use in medical and life science applications. Sterilization methods include EtO gas, radiation, steam autoclaving, dry heat, and cold sterilization.

INDUSTRY



Life Sciences

COLORS AVAILABLE



ATTRIBUTES

	Heat Resistant	✓
	Dimensional Stability	✓
	Food Contact	✓
	Chemical Resistance	✓
	Biocompatibility	✓

SHAPES

Compression Sheet	✓
Extruded Rod	✓



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TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	497 kpsi	3,430 MPa
Flexural Strength - Yield	D790	25 kpsi	173 MPa
Izod Impact, notched	D256	0.99 ft-lb/in	53 J/m
Tensile Elongation @ Break	D638	60.00 %	60.00 %
Tensile Elongation @ Yield	D638	7.00 %	7.00 %
Tensile Modulus	D638	519 kpsi	3,580 MPa
Tensile Strength @ Break	D638	13 kpsi	90 MPa
Tensile Strength @ Yield	D638	15 kpsi	110 MPa
Thermal			
HDT @ 264 psi	D648	393 °F	201 °C
Physical			
Moisture Absorption	D570	0.25 %	0.25 %
Specific Gravity	D792	1.27	1.27
Electrical			
Volume Resistivity	D257	309,981 ohm-ft	10,170 ohm-cm



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Tempalux® WM

SIZING

Rod Sizing

48" Length

1" (25.4mm)	1.25" (31.75mm)	1.5" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)
2.50" (63.5mm)	2.75" (69.85mm)	3" (76.2mm)			

96" Length

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)			

Compression Sheet Sizing

48" Length by 24" Width

0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)
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LAST REVISED: 06/06/2022

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