



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

# Styraclear®



Styraclear is made from resin that is suitable for use in certain food contact applications, contact your local Westlake Plastics representative for specific regulatory declarations. Styraclear is a rigid plastic that is often used in products that require clarity, such as food packaging and laboratory ware. Styraclear is a cost-effective, versatile thermoplastic that is known for being lightweight and easy to print on. For this reason, it is a great choice for POP display and indoor signage, among other common displays.

INDUSTRY



Engineering

COLORS AVAILABLE



Transparent

ATTRIBUTES

 Transparent	
 Food Contact	

SHAPES

Compression Sheet	
Extruded Rod	



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## TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
<b>Mechanical</b>			
Flexural Modulus	D790	470 kpsi	3,241 MPa
Flexural Strength - 5%	D790	13 kpsi	90 MPa
Izod Impact Resistance - Notched	D256	0.40 ft-lb/in	0.021 kJ/m
Tensile Elongation @ Break	D638	3.00 %	3.00 %
Tensile Modulus	D638	460 kpsi	3,172 MPa
Tensile Strength @ Break	D638	7.5 kpsi	52 MPa
Tensile Strength @ Yield	D638	7.5 kpsi	52 MPa
<b>Thermal</b>			
HDT @ 264 psi	D648	192 °F	89 °C
HDT @ 64 psi	D648	208 °F	98 °C
<b>Physical</b>			
Specific Gravity	D792	1.04	1.04

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



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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)				

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)					

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)
1.5" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)			

LAST REVISED: 01/05/2024

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