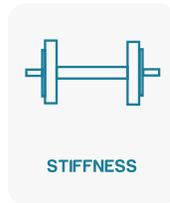


ZELUX®

Zelux® is a Registered Trademark of Westlake Plastics Co.

Zelux is Westlake Plastics' family of Polycarbonate (PC) materials. Zelux is a transparent engineering thermoplastic with excellent dimensional stability, strength, and rigidity, with service temperatures up to 250F. Westlake offers standard machine and window grades. Additionally, we have developed grades for Life Science applications and to meet specific dielectric requirements.



Property	Units	Test Standard ^R	esult
Mechanical			
Flexural Modulus	psi	ASTM D790	339,000
Flexural Strength @yield	psi	ASTM D790	14,100
Izod Impact Strength			
Notched @73°F	ft·lbs/in	ASTM D256	17.0
Un-Notched	ft·lbs/in	ASTM D256	60.0
Tensile Elongation @break	%	ASTM D638	135.0
Tensile Strength			
@break	psi	ASTM D638	9,900
@yield	psi	ASTM D638	8,900
Thermal			
Coefficient of Thermal Expansion	in/in/°F	ASTM E831	3.44x10 ⁻⁵
Heat Deflection Temperature			
@66 psi (.250")	°F	ASTM D648	280
@264 psi (.250")	°F	ASTM D648	270
Other			
Specific Gravity	—	ASTM D792	1.20

Applications Include:

- Lenses
- manifolds
- site glasses
- machine guards

Manufacturing Capabilities:



Colors:

Translucent

In addition to our standard capabilities, Westlake also has the ability to process custom resins in various sizes and colors with some exceptions.

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