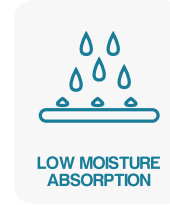
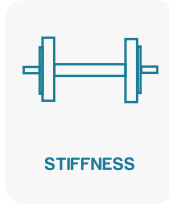


# ZELUX® W

## Window Grade

Zelux® is a Registered Trademark of Westlake Plastics Co.

Zelux W is an optically clear engineering plastic with excellent dimensional stability and good strength and stiffness over a wide range of service temperatures. Zelux is used for a wide variety of electrical applications due to its low moisture absorption, good electrical insulating properties (Dielectric Strength 760 v/mil) and an excellent flammability rating (UL Yellow Card file E240206). Zelux is easy to fabricate, paint, and glue.



Property	Units	Test StandardR	esult
<b>Mechanical</b>			
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
<b>Thermal</b>			
Coefficient of Thermal Expansion	in/in/°F	ASTM E831	3.44x10 <sup>-5</sup>
Heat Deflection Temperature			
@66 psi (.250")	°F	ASTM D648	280
@264 psi (.250")	°F	ASTM D648	270
<b>Other</b>			
Specific Gravity	—	ASTM D792	1.20

### Applications Include:

- Transparent Impact Shields
- Transparent Fluid Handling Components
- Transparent Manifolds
- Transparent Impact resistant housings and Covers
- Transparent Prototyping Parts
- Electrical Insulating Components
- Metal Replacement / Weight Reduction

### Manufacturing Capabilities:



### Colors:

Translucent White

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