

Absylux® is a Registered Trademark of Westlake Plastics Co.

Absylux (Acrylonitrile Butadiene Styrene/ABS) is a very good and economical all-purpose product exhibiting excellent dimensional stability, especially as compression molded (a proprietary WPC Process). ABS is an excellent option in applications such as pump housings and many others where high temperature resistance is not required..















## The following physical property information is based on typical values of the base acrylonitrile-butadiene- styrene resin.

Property	Units	Test Standard	Unfilled	Flame Retardant (FR)
Mechanical				
Flexural Modulus	psi	ASTM D790	314,000	300,000
Flexural Strength @yield	psi	ASTM D790	9,700	8,800
Hardness	R Scale	ASTM D785	R105	R100
lzod Impact Strength Notched @-22°F Notched @73°F	ft•lbs/in ft•lbs/in	ASTM D256 ASTM D256	11 16	 4.0
Tensile Modulus	psi	ASTM D638	302,000	320,000
Tensile Strength @yield	psi	ASTM D638	5,800	5,530
Thermal				
Flammability Rating— @.0625" @.098"	_ _	UL94 UL94	HB (.060") —	V-0 5V-A
Heat Deflection Temperature @66 psi @264 psi	°F °F	ASTM D648 ASTM D648	200 177	_ 163
Other				
Specific Gravity	_	ASTM D792	1.03	1.19

## **Applications Include:**

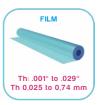
- Machined prototypes
- -Structural components
- -Support blocks
- Housings
- Covers

## **Manufacturing Capabilities:**









## **Colors:**



Natural

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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