

Absylux® is a Registered Trademark of Westlake Plastics Co.

Fire Retardant Absylux FR, (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 but insulative and fire retardant characteristics are optimal.















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
Izod 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:

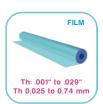
- Semiconductor Packaging, Process and Testing Components
- Disk drive assembly fixtures
- -Telecommunications hardware
- -Sensitive Electronic components
- Explosives handling equipment
- Metal Replacement / Weight Reduction

Manufacturing Capabilities:









Colors:

light tan/beige color

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

This information is offered solely for your consideration, examination and verification, and is to be construed neither as a warranty nor guarantee the same results as those stated herein will be obtained by the use to which others may put the material. Each user of the material should make his own tests to determine the characteristics and suitability of the material for his own particular use and the use which will be made of the completed product. This publication is not to be taken as a license to operate under, or a recommendation to infringe any patents. The observance of all legal regulations and patents is the responsibility of the user. The buyer's exclusive remedy against the seller shall be for the repair or replacement of defective stock. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or other incidental or consequential class shall be available to the buyer.



Phone : 1.610.459.1000 Phone : 1.800.000.1700 Fax : 610.459.1084

490 West Lenni road Lenni, PA 19052 U.S.A

Email:info@westlakeplastics.com





