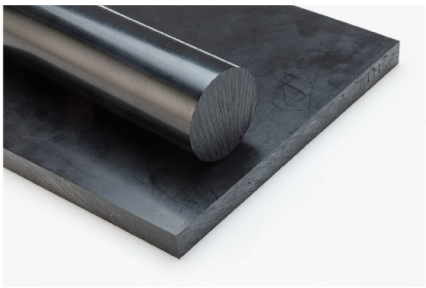
P: 1.800.999.1700 | F: 610.459.1084 | info@westlakeplastics.com | 490 West Lenni Road, Lenni, PA 19052 U.S.A.

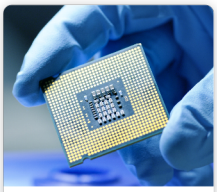
Absylux® SD-A



Absylux® ABS SD-A is a permanently antistatic Acrylonitrile Butadiene Styrene with surface resistivity of 109 – 1011 ohm/sq. The material is a non-carbon filled product, available in both natural and black color. It is ideal for protection against static discharge in electronic applications where contamination from potential sloughing of carbon powder would be of concern. Absylux® ABS SD-A is easy to machine and fabricate.

INDUSTRY

Engineering



Semiconductor and ESD

COLORS AVAILABLE

Black Natural

ATTRIBUTES

- Antistatic-ESD
- Dimensional Stability
- Impact Resistance
- Dielectric Properties

SHAPES

- Compression Sheet
- Extruded Film
- Extruded Rod

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

Absylux® SD-A

TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	300 kpsi	2,068 MPa
Flexural Strength - Yield	D790	10 kpsi	69 MPa
Izod Impact Resistance - Notched	D256	2.5 ft·lb/in	133 J/m
Tensile Elongation @ Yield	D638	>10 %	>10 %
Tensile Modulus	D638	280 kpsi	1930 MPa
Tensile Strength @ Yield	D638	6 kpsi	41 MPa
Thermal			
HDT @ 264 psi	D648	170 °F	76 °C
Physical			
Specific Gravity	D792	1.06	1.06
Electrical			
Surface Resistivity	D257	10^{9}-10^{11} ohm/sq	10^{9}-10^{11} ohm/sq
Other			

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

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

Absylux® SD-A

PRODUCT SHAPES & DIMENSIONS

Rods: 48"L (122cm)

2.5" (63.5mm)	2.75" (69.85mm)

Rods: 96"L (244cm)

0.5" (12.7mm)	0.625" (15.88mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)	1.375" (34.93mm)
1.5" (38.1mm)	1.625" (41.28mm)	1.75" (44.45mm)	1.875" (47.63mm)	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)	1.0" (25.4mm)	1.25" (31.75mm)
1.5" (38.1mm)	1.75" (44.45mm)	2.0" (50.8mm)	2.25" (57.15mm)	2.5" (63.5mm)	2.75" (69.85mm)
3.0" (76.2mm)	3.25" (82.55mm)	3.5" (88.9mm)	3.75" (95.25mm)	4.0" (101.6mm)	4.25" (107.95mm)
4.5" (114.3mm)	4.75" (120.65mm)	5.0" (127mm)	5.25" (133.35mm)	5.5" (139.7mm)	5.75" (146.05mm)
6.0" (152.4mm)					

Compression Sheets: 48"W x 96"L (122cm x 244cm)

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	4.25" (107.95mm)
4.50" (114.3mm)	4.75" (120.65mm)	5" (127mm)	5.25" (133.35mm)	5.50" (139.7mm)	5.75" (146.05mm)
6" (152.4mm)					

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

Absylux® SD-A

Compression Sheets: 48"W x 120"L (122cm x 305cm)

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	4.25" (107.95mm)
4.50" (114.3mm)	4.75" (120.65mm)	5" (127mm)	5.25" (133.35mm)	5.50" (139.7mm)	5.75" (146.05mm)
6" (152.4mm)					

Compression Sheets: 60"W x 120"L (152cm x 305cm)

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	4.25" (107.95mm)
4.50" (114.3mm)	4.75" (120.65mm)	5" (127mm)	5.25" (133.35mm)	5.50" (139.7mm)	5.75" (146.05mm)
6" (152.4mm)					

Extruded Films: 26"W (66cm)

0.002" (0.05mm)	0.005" (0.13mm)	0.010" (0.25mm)	0.020" (0.51mm)	0.025" (0.64mm)

LAST REVISED: 02/27/2026

This information is offered solely for your consideration, examination and verification, and is to be construed neither as a warranty nor guarantee that 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 loss) shall be available to the buyer.

EXCLUSION OF WARRANTIES: THERE ARE NO WARRANTIES AS TO THE MATERIAL DESCRIBED HEREIN, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. ANY VALUES STATED IN SELLER'S ITERATURE ARE TYPICAL PROPERTIES ONLY.