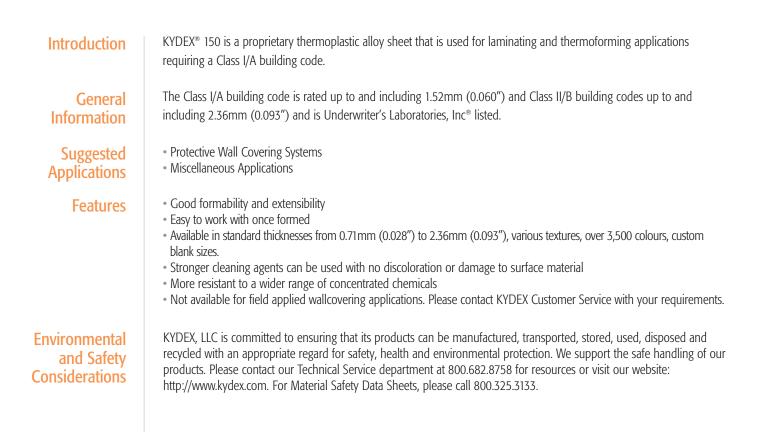
Technical Data Sheet





KYDEX[®] 150 Class 1/A rated thermoplastic sheet





Customer Service

6685 Low St, Bloomsburg, PA 17815 USA Phone: 800.325.3133, +1.570.389.5810 Outside the US: +1.570.389.5814 Fax: 800.452.0155, +1.570.387.7786 Email: info@kydex.com

Technical Service

Phone: 800.682.8758 ext. 581 Fax: +1.570.387.8722 Outside the US: +1.570.387.6997 ext. 581

www.kydex.com



Technical Data Sheet





KYDEX[®] 150 Class 1/A rated thermoplastic sheet

Physical Properties

Property	Test Method	Typical Value	
Specific Gravity	ASTM D-792	1.35	
Tensile Strength	ASTM D-638	42 MPa	6,100 psi
Flexural Strength	ASTM D-790	64 MPa	9,300 psi
Modulus of Elasticity	ASTM D-790	2,310 MPa	335,000 psi
Notched Izod Impact Resistance, @ 23°C (73°F)	ASTM D-256	961 J/m	18 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	94	
Heat Deflection Temperature (HDT) @ 264 psi (1.8 MPa) annealed	ASTM D-648	78.3°C	173°F
Heat Deflection Temperature (HDT) @ 264 psi (1.8 MPa) unannealed	ASTM D-648	68.8°C	156°F
Flammability: ² Flame Spread Smoke Developed less than 1.27mm (0.050")	ASTM E-84	25 40	
Flame Spread Smoke Developed less than 1.52mm (0.060")	ASTM E-84	20 350	
Flame Spread Smoke Developed less than 2.38mm (0.93")	ASTM E-84	35 350 - 450	
1 Values based upon 3.18mm (0.125") sheet unless otherwis	e specified.	1	

2 Underwriter's Laboratories, Inc[®], File R6738 (N)

Not intended for specification purposes.



Customer Service

6685 Low St, Bloomsburg, PA 17815 USA Phone: 800.325.3133, +1.570.389.5810 Outside the US: +1.570.389.5814 Fax: 800.452.0155, +1.570.387.7786 Email: info@kydex.com

Technical Service

Phone: 800.682.8758 ext. 581 Fax: +1.570.387.8722 Outside the US: +1.570.387.6997 ext. 581

www.kydex.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of the accuracy of this information or the suitability of each product for their particular purposes. Data in the physical property table represents typical values and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions. Right to change physical property table technical progress is reserved. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MECHANTIABILITY OR FITNESS FOR A PARTICULAR USE, ETHER EXPRESSED OR IMPLIED, EXCEPT AS PROVIDED IN OUR STANDARD TERMS AND CONDITIONS OF SALE. Buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. In no event shall the supplier or the manufacture be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as a disposal of our product. Product not intended for use as a heat resistant surface. Texture, product grade and other conditions may cause variations in appearance.

This information supersedes all previously published data.