

KYDEX® V Utility sheet

Introduction

KYDEX® V sheet is a recycled grade of a proprietary thermoplastic sheet that is cost competitive with other grades of thermoplastic sheet while offering improved performance.

General Information

KYDEX® V is particularly well suited for hidden or painted parts since it has some degree of color variability. It is only available in Black (52114), in thicknesses from 1.00mm (0.040") and up, and in a limited number of textures.

Suggested Applications

- Equipment Housings
- Miscellaneous Applications

Features

- Offered in thicknesses 0.71mm (0.028") and up
- Available in rollstock at 1.00mm (0.040") and in sheet stock in all thicknesses
- Available in black only
- Available in 7 distinctive textures
- Excellent forming properties, uniform wall thicknesses and crisp detail
- Easy machining and fabricating using conventional methods and equipment

Environmental and Safety Considerations

KYDEX, LLC is committed to ensuring that its products can be manufactured, transported, stored, used, disposed and recycled with an appropriate regard for safety, health and environmental protection. We support the safe handling of our products. Please contact our Technical Service department at 800.682.8758 for resources or visit our website: <http://www.kydex.com>. For Material Safety Data Sheets, please call 800.325.3133.

KYDEX, LLC

ISO 9001 and 14001 Certified

Customer Service

6685 Low St, Bloomsburg, PA 17815 USA
Phone: 800.325.3133, +1.570.389.5810
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Technical Service

Phone: 800.682.8758 ext. 581
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www.kydex.com



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Physical Properties

Property	Test Method	Typical Value ¹	
Specific Gravity	ASTM D-792	1.35	
Tensile Strength	ASTM D-638	42 MPa	6,100 psi
Flexural Strength	ASTM D-790	63 MPa	9,100 psi
Modulus of Elasticity	ASTM D-790	2,308 MPa	335,000 psi
Notched Izod Impact Resistance, @ 23°C (73°F)	ASTM D-256	427 J/m	8 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	88	
Heat Deflection Temperature (HDT) @ 264 psi (1.8 MPa) annealed	ASTM D-648	73.9°C	165°F
Thermoforming Range		163 - 200°C	325 - 392°F
Mold Shrinkage % (male mold)		0.40 - 0.60	
¹ Values based upon 3.18mm (0.125") sheet unless otherwise specified. Not intended for specification purposes.			

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This information supersedes all previously published data.