

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 & SAFETY CONSIDERATIONS

SEKISUI 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.



Customer Collaboration

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KYDEX® V Utility Sheet

PROPERTY	TEST METHOD	TYPICAL VALUE ¹	
PHYSICAL			
Specific Gravity	ASTM D792	1.35	
Rockwell Hardness, R-scale	ASTM D785	88	
MECHANICAL			
Tensile Strength	ASTM D638	42 MPa	6,100 psi
Flexural Strength	ASTM D790	63 MPa	9,100 psi
Flexural Modulus	ASTM D790	2,308 MPa	335,000 psi
Izod Impact, notched	ASTM D256	427 J/m	8 ft-lb _f /in
THERMAL			
Heat Deflection Temperature (HDT) @ 264 psi (1.8 MPa) annealed	ASTM D648	73.9°C	165°F
THERMOFORMING			
Temperature 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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