

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 degrees 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

SEKISUI SPI 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.sekisui-spi.com>. For Material Safety Data Sheets, please call 800.325.3133.

SEKISUI SPI

ISO 9001 and 14001 Certified

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@sekisui-spi.com

Technical Service

Phone: 800.682.8758
Fax: +1.570.387.8722
Outside the US: +1.570.387.6997
techservice@sekisui-spi.com

sekisui-spi.com

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 Utility sheet

**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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