



KYDEX[®] 130

Decorative granite-look thermoplastic sheet

Introduction

A new dimension to thermoplastic sheet is now available. KYDEX[®] 130 Granite Series offers a look that is unique to most thermoplastic materials.

General Information

This decorative product performs equally well as a flat sheet or as a 3-dimensional thermoformed part. It is available in five colors: green, black, navy, desert sand, and rosetone. It is Underwriter's Laboratories, Inc[®] recognized Std 94 V-0, 5V in all thicknesses and UL classified Class I/A for non-wallcovering building product applications.

Suggested Applications

- * Equipment Housings
- * Medical Products
- * Kiosk Housings
- * Miscellaneous Applications

Features

- * for deep or hard to form parts where good finished detail is required
- * more rigid than most thermoplastics so stiffer parts will deform less when loaded
- * meets highest standards for chemical resistance
- * recognized by Underwriter's Laboratories, Inc[®] for Std 94 V-0, 5V in all thicknesses
- * meets FAR 25.853 (a) vertical burn requirements for use in aircraft as thermoformed parts
- * easy to fabricate and thermoform
- * color is integral throughout each sheet so the cap won't thin out or the substrate bleed through
- * endorsed by the Royal Institute of Public Health for conformance to the standard of Hygenic Merit

Environmental and Safety Considerations

Kleerdex 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: www.kydex.com. For Material Safety Data Sheets, please call 800.325.3133.

Kleerdex Company, LLC

ISO 9001 and ISO 14001 Certified

Customer Service

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Technical Service

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www.kydex.com



Durability by Design[®]

KYDEX® 130

Decorative granite-look thermoplastic sheet

Physical Properties

Property	Test Method	Typical Value ¹	
Specific Gravity	ASTM D-792	1.33 - 1.37	
Tensile Strength	ASTM D-638	41 MPa	6,000 psi
Elongation %	ASTM D-638	130	
Flexural Strength	ASTM D-790	62 MPa	9,000 psi
Modulus of Elasticity	ASTM D-790	2,372 MPa	344,000 psi
Notched Izod Impact Resistance, @ 23°C (73°F)	ASTM D-256	187 J/m	3.5 ft-lbs/in
Rockwell Hardness (R Scale)	ASTM D-785	101	
Heat Deflection Temperature (HDT) @ 264 psi (1.8 MPa) annealed	ASTM D-648	77°C	170°F
Flammability: Underwriter's Laboratories, Inc® Component Recognition	UL Standard 94 ²	V-0, 5V ³	
Federal Aviation Administration	FAR 25.853 (a)	Pass ³	
¹ Values based upon 3.18mm (0.125") sheet unless otherwise specified. ² Underwriter's Laboratories, Inc®, File E115252 ³ All thicknesses 0.71mm (0.028") and above Not intended for specification purposes.			

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 our products in any given situation. Users should conduct their own tests to determine 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 properties as a result of technical progress is reserved. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EITHER 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 manufacturer be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Consult local code and regulatory agencies for specific requirements regarding code compliance, transporting, processing, recycling and disposal of our products. 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.

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