

ALLEN® 6250HG

Acrylic Capped, Medium Impact ABS, High Gloss Sheet

Introduction

ALLEN® 6250HG is acrylic capped ABS with excellent surface hardness, UV protection and distinction of image.

General Information

ALLEN® 6250HG is Underwriters Laboratories, Inc® recognized for UL Std 94 HB (UL94) and Federal Motor Vehicle Safety Standard No. 302 (FMVSS 302)

Suggested Applications

- Tub and Shower Surrounds
- Sinks
- Kayaks
- Agriculture Equipment
- Marine parts

Features

- Custom color matching
- UV protection
- Hard surface
- High gloss finish

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 Safety Data Sheets, please call 800.325.3133.

SEKISUI SPI

ISO 9001:2008 and 14001:2004 Certified

Customer Service

1305 Lincoln Ave. Holland MI 49423 USA

Phone: 800.823.1305

Outside the US: +1.616.394.3808

Fax: 800.832.5536, +1.616.394.3875

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

ALLEN® 6250HG

Acrylic Capped, Medium Impact ABS, High Gloss Sheet

Physical Properties

Property	Test Method	Typical Value ¹	
PHYSICAL			
Specific Gravity	ASTM D792	1.07-1.10 g/cc	
MECHANICAL			
Tensile Strength	ASTM D638	5,000 psi	34.4 MPa
Tensile Stress (break)	ASTM D-638	4,500 psi	31.0 MPa
Flexural Modulus	ASTM D790	295,000 psi	2033.9 MPa
Flexural Strength	ASTM D790	10,000 psi	68.9 MPa
Notch Izod Impact, 73 °F	ASTM D256	3.5 ft-lb/in	186 J/m
THERMAL			
Heat Deflection Temperature (HDT) 66 psi (0.45 MPa), unannealed	ASTM D648	180 °F	82.2 °C
Mold Shrinkage	ASTM D955	0.004-0.007 in/in	
FLAMABILITY			
Underwriters Laboratories, Inc. [®] Component Recognition	UL Standard 94 HB	0.060 in	
Motor Vehicle Safety Standard	FMVSS 302	PASSES	
¹ Values based upon injection molded resin. Not intended for specification purposes.			

SEKISUI SPI

ISO 9001:2008 and 14001:2004 Certified

Customer Service

1305 Lincoln Ave. Holland MI 49423 USA

Phone: 800.823.1305

Outside the US: +1.616.394.3808

Fax: 800.832.5536, +1.616.394.3875

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

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 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.