

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 has been tested under laboratory conditions and has achieved a UL94 HB rating at 0.060 in (1.52mm) and above and meets the requirements of 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

Customer Service

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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	
FLAMMABILITY			
Underwriters Laboratories, Inc. [®] Component Recognition	UL Standard 94 ²	HB @ 0.060 in (1.52mm)	
Motor Vehicle Safety Standard	FMVSS 302	PASSES	
¹ Values based upon injection molded resin. ² ALLEN® 6250HG has been tested under laboratory conditions and has passed UL 94HB criteria. SEKISUI SPI makes no warranty or guarantee that these products will meet UL 94HB in the parts final, finished configuration. Not intended for specification purposes.			

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This information supersedes all previously published data.