

ALLEN® 2130HG

High Impact ABS, Medium to High Gloss Sheet

INTRODUCTION

ALLEN® 2130HG is a general purpose ABS that has high impact strength and a good cost to performance ratio to other materials like stainless steel and other thermoplastics.

GENERAL INFORMATION

ALLEN® 2130HG 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

- Covers for food processing equipment
- Splash zone guards
- Deli risers

FEATURES

- Custom color matching
- Medium to High gloss finish

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 appLab™ department at 800.682.8758 for resources and Safety Data Sheets or visit our website: www.kydex.com.



Customer Collaboration

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PROPERTY	TEST METHOD	TYPICAL VALUE ¹	
PHYSICAL			
Specific Gravity	ASTM D792	1.02 - 1.04 g/cc	
Moisture Absorption, 24 hr	ASTM D570	0.31%	
Rockwell Hardness, R-Scale	ASTM D785	99	
MECHANICAL			
Tensile Strength, yield	ASTM D638	39.9 MPa	5,800 psi
Flexural Stress at 5% Strain	ASTM D790	66.8 MPa	9,700 psi
Flexural Modulus	ASTM D790	2,082.2 MPa	302,000 psi
Notched Izod Impact Resistance, 73°F	ASTM D256	432 J/m	8.1 ft-lbs/in
Notched Izod Impact Resistance, 0°F	ASTM D256	299 J/m	5.6 ft-lbs/in
THERMAL			
Heat Deflection Temperature (HDT) 66 psi (0.45 MPa), Annealed	ASTM D648	90.5°C	200°F
Mold Shrinkage	ASTM D955	0.005 - 0.007 in/in	
ELECTRICAL			
Dielectric Strength, oil	ASTM D149	16.3 kV/mm	414 V/mil
FLAMMABILITY			
Underwriters Laboratories., Inc.® Component Recognition	UL Standard 94 ²	HB @ 0.060in (1.52mm)	
Motor Vehicle Safety Standard	Component Recognition	Pass	
¹ Values based upon injection molded resin. ² ALLEN® 2130HG has been tested under laboratory conditions and has passed UL 94HB criteria. SEKISUI KYDEX, LLC makes no warranty or guarantee that these products will meet UL 94HB in the part's final, finished configuration. Not intended for specification purposes.			



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