

ALLEN® 5160WHG

Co-Extruded, High Impact ASA/ABS, High Gloss Sheet

Introduction

ALLEN® 5160WHG is high impact ABS capped with ASA for UV protection and high gloss finish.

General Information

ALLEN® 5160WHG has been tested under laboratory conditions and meets the requirements of Federal Motor Vehicle Safety Standard No. 302 (FMVSS 302).

Suggested Applications

- Vehicle Exteriors
- Marine Parts
- Radomes
- Agriculture Equipment Exteriors
- Construction Equipment Exteriors
- Lift Boom Exteriors

Features

- Custom color matching
- Excellent UV properties
- Edge trim easily used into future orders
- High gloss finish
- Color and gloss retention

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	1.02-1.04 g/cc	
MECHANICAL			
Tensile Strength	ASTM D638	5,000 psi	34.4 MPa
Flexural Modulus	ASTM D790	290,000 psi	1999.4 MPa
Flexural Strength	ASTM D790	8,100 psi	55.8 MPa
Notched Izod Impact, 23 °C (73 °F)	ASTM D256	6.0 ft-lb/in	320 J/m
Notched Izod Impact, -17 °C (0 °F)	ASTM D256	1.0 ft-lb/in	53 J/m
THERMAL			
Heat Deflection Temperature (HDT) @66 psi (0.45 MPa), unannealed	ASTM D648	195 °F	90.6 °C
Mold Shrinkage	ASTM D955	0.005-0.007 in/in	
FLAMMABILITY			
Underwriters Laboratories, Inc. [®] Component Recognition	UL Standard 94 ²	HB @ 0.060 in (1.52mm)	
Motor Vehicle Safety Standard	FMVSS 302	PASS	
¹ Values based upon injection molded resin. ² ALLEN® 5160WHG 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.