

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 is Underwriters Laboratories, Inc® recognized for UL Std 94 HB (UL94) and 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

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

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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
Notch Izod Impact, 73 °F	ASTM D256	6.0 ft-lb/in	320 J/m
Notch Izod Impact, 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	
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.			

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This information supersedes all previously published data.