ALLEN THERMOPLASTICS

ALLEN® 5050WLG

Coextruded, High Impact, ASA/ABS, Low Gloss Sheet

Introduction

ALLEN® 5050WLG is high impact ABS capped with low gloss ASA for UV protection.

General Information

ALLEN® 5050WLG 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
- Radomes
- Agriculture Equipment
- Construction Equipment
- Marine parts

Features

- Custom color matching
- Excellent UV properties
- Edge trim easily used into future orders
- Low 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

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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	34.4MPa
Flexural Modulus	ASTM D790	285,000 psi	1965 MPa
Flexural Strength	ASTM D790	8,000 psi	55.1 MPa
Notch Izod Impact, 73 °F	ASTM D256	6.5 ft-lb/in	347 J/m
Notch Izod Impact, 0 °F	ASTM D256	1.5 ft-lb/in	80 J/m
THERMAL			
Heat Deflection Temperature (HDT) 66 psi (0.45 MPa), unannealed	ASTM D648	190 °F	87.7 °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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