ALLEN® 2012L

Co-extruded, Medium Impact, Low Gel, Medium Gloss Sheet

Introduction

ALLEN® 2012L is a general purpose ABS that has medium impact strength and a good cost to performance ratio to other materials like painted metal, FRP, aluminum, and other thermoplastics.

General Information

ALLEN® 2012L has been tested under laboratory conditions and meets the requirements of Federal Motor Vehicle Safety Standard No. 302 (FMVSS 302).

Suggested Applications

- Marine products
- Recreational Vehicles
- Agricultural cab interiors
- Truck interiors
- Equipment covers
- P.O.P Displays
- Film laminations

Features

- Edge trim easily used in future orders
- Medium 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

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ALLEN THERMOPLASTICS

ALLEN® 2012L

Co-extruded, Medium Impact, Medium Gloss ABS Sheet

Physical Properties

Property	Test Method	Typical Value[1]	
PHYSICAL			
Specific Gravity	ASTM D792	1.05g/cc	
Gloss, 60° Angle	ASTM D523	80%	
MECHANICAL			
Tensile Strength	ASTM D638	5,000 psi	34.4 MPa
Flexural Modulus	ASTM D790	280,000 psi	1,930.5 MPa
Flexural Strength	ASTM D790	8,000 psi	55.1 MPa
Notch Izod Impact, 73°F	ASTM D256	4.0 ft-lb/in	213 J/m
Notch Izod Impact, 0°F	ASTM D256	2.0 ft-lb/in	106 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			
Motor Vehicle Safety Standard	Component Recognition	Passes	

1 Values based upon injection molded resin
Not intended for specification purposes.

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This information supersedes all previously published data.