

ALLEN® 752

High impact ABS Sheet (High Gloss)

Introduction

ALLEN® 752 is high gloss, high impact, FDA approved, general purpose ABS with excellent low temperature performance.

General Information

ALLEN® 752 is Underwriters Laboratories, Inc® recognized for UL Std 94 HB (UL94), Federal Motor Vehicle Safety Standard No. 302 (FMVSS 302), and US Food And Drug Administration CFR 181.32 (Acrylonitrile copolymers and resins).

Suggested Applications

- Mechanical covers & housings
- Beverage Dispensers
- Ice Bins
- Food Equipment

Features

- Custom color matching
- Good forming properties
- Edge trim easily used in future orders
- High Gloss
- Excellent low temperature performance
- High Impact
- FDA 21 CFR, 181.32 compliant

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 Material Safety Data Sheets, please call 800.325.3133.

SEKISUI SPI

ISO 9001 and 14001 Certified

Customer Service

1305 Lincoln Ave, Holland MI, 49423 USA
Phone: 800.833.1305 +1.616.394.3808
Outside the US: +1.616.394.3808
Fax: 800.832.5536, +1.616.394.3875
Email: info@sekisui-spi.com
salesinfo-holland@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

sekisui-spi.com

ALLEN® 752

High impact ABS Sheet (High Gloss)

Physical Properties

Property	Test Method	Typical Value ¹	
Physical			
Specific Gravity	ASTM D792	1.05 g/cc	
Gloss, 60° Angle	ASTM D523	90 %	
Mechanical			
Tensile Strength	ASTM D638	5,100 psi	35.1 MPa
Flexural Modulus	ASTM D790	270,000 psi	1861.6 MPa
Flexural Strength	ASTM D790	8,000 psi	55.1 MPa
Notch Izod Impact, 73 °F	ASTM D256	6.3 ft-lb/in	336 J/m
Notch Izod Impact, 0 °F	ASTM D256	3.9 ft-lb/in	208 J/m
Rockwell hardness	ASTM D785	102 (R Scale)	
Thermal			
Heat Deflection Temperature (HDT) 66 psi (0.45 MPa), unannealed	ASTM D648	210 °F	98.9 °C
Coefficient of linear thermal expansion, flow/cross-flow	ASTM D 696	5.20× 10 ⁻⁵ in/in/°F	
Flammability			
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.			

SEKISUI SPI

ISO 9001 and 14001 Certified

Customer Service

1305 Lincoln Ave, Holland MI, 49423 USA
 Phone: 800.833.1305 +1.616.394.3808
 Outside the US: +1.616.394.3808
 Fax: 800.832.5536, +1.616.394.3875
 Email: info@sekisui-spi.com
 salesinfo-holland@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

sekisui-spi.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of the accuracy of this information or the suitability of our products in any given situation. Users should conduct their own tests to determine the suitability of each product for their particular purposes. Data in the physical property table represents typical values and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions. Right to change physical properties as a result of technical progress is reserved. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EITHER EXPRESSED OR IMPLIED, EXCEPT AS PROVIDED IN OUR STANDARD TERMS AND CONDITIONS OF SALE. Buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. In no event shall the supplier or the manufacturer be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Consult local code and regulatory agencies for specific requirements regarding code compliance, transporting, processing, recycling and disposal of our product. Product not intended for use as a heat resistant surface. Texture, product grade and other conditions may cause variations in appearance.

This information supersedes all previously published data.