

## ALLEN® AX7

High Impact ABS Sheet (High Gloss)

### Introduction

ALLEN® AX7 is a general purpose ABS that has high impact strength and excellent forming properties.

### General Information

ALLEN® AX7 is Underwriters Laboratories, Inc® recognized for UL Std 94 HB (UL94) and Federal Motor Vehicle Safety Standard No. 302 (FMVSS 302)

### Suggested Applications

- Medical Equipment Housings
- Food Equipment Trays & Housings
- Display
- Signs

### Features

- Custom color matching
- Good forming and fabricating properties
- Edge trim easily used into future orders
- FDA 21 CFR 181.32 compliant
- High 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 Material Safety Data Sheets, please call 800.325.3133.

#### SEKISUI SPI

ISO 9001 and 14001 Certified

#### Customer Service

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### Physical Properties

Property	Test Method	Typical Value <sup>1</sup>	
<b>Physical</b>			
Specific Gravity	ASTM D792	1.02-1.05 g/cc	
Gloss, 60° Angle	ASTM D523	80 %	
<b>Mechanical</b>			
Tensile Strength	ASTM D638	5,100 psi	35.1 MPa
Flexural Modulus	ASTM D790	370,000 psi	2551.0 MPa
Flexural Strength	ASTM D790	11,300 psi	77.9 MPa
Notch Izod Impact, 73 °F	ASTM D256	8.0 ft-lb/in	427 J/m
Notch Izod Impact, 0 °F	ASTM D256	2.7 ft-lb/in	144 J/m
<b>Thermal</b>			
Heat Deflection Temperature (HDT) 66 psi ( 0.45 MPa), unannealed	ASTM D648	195 °F	90.6 °C
Mold Shrinkage	ASTM D955	0.004-0.007 in/in	
<b>Flammability</b>			
Underwriters Laboratories, Inc® Component Recognition	UL Standard 94 HB	0.060 in	
Motor Vehicle Safety Standard	FMVSS 302	Passes	
<sup>1</sup> Values based upon injection molded resin Not intended for specification purposes.			

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This information supersedes all previously published data.