

# Allen ABS ULG/LXS

Acrylonitrile Butadiene Styrene  
SEKISUI Polymer Innovations, LLC

Message:

ULG/LXS is a general purpose ABS that has high impact strength and a low gloss finish.

Common Applications:

Covers and Housings

Vehicle Interiors

Instrument Cases

Features and Benefits:

Custom color matching

Good forming properties

Edge trim easily used in future orders

Low gloss finish

General Information			
Features	High Impact Resistance		
	Low Gloss		
Uses	Automotive Applications		
	Housings		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02 to 1.04	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	55.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-18°C	110	J/m	
23°C	320	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.6	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	HB		UL 94
Optical	Nominal Value		Test Method
Gloss (60°)	15 to 30		ASTM D523

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