

Allen ABS 3800/LXS

Acrylonitrile Butadiene Styrene
SEKISUI Polymer Innovations, LLC

Message:

3800/LXS is a general purpose ABS with high impact strength.
Common Applications:
Covers and Housings
Vehicle Interiors
Vehicle Exteriors with Paint or Korad
Marine Parts with Paint or Korad
Features and Benefits:
Custom color matching
Good forming properties
Edge trim easily used into future orders
Korad can be applied for UV protection
High gloss finish

General Information			
Features	General Purpose		
	High Gloss		
	High Impact Resistance		
Uses	Automotive Applications		
	Automotive Interior Parts		
	General Purpose		
	Housings		
	Marine Applications		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02 to 1.04	g/cm ³	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°)	85	ASTM D523

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