

# Allen ABS Solarkote®/LXS

Acrylonitrile Butadiene Styrene  
SEKISUI Polymer Innovations, LLC

Message:

Solarkote®/LXS is acrylic capped ABS with excellent outdoor durability.  
Common Applications:  
Marine Parts  
Vehicle Exteriors  
Heavy Equipment Exteriors  
Features and Benefits:  
Custom color matching  
UV Protection  
Hard surface  
High Gloss Finish

General Information			
Features	Durable		
	Good UV Resistance		
	Good Weather Resistance		
	High Gloss		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Marine Applications		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	34.5	MPa	
Break	31.0	MPa	
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	69.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	HB		UL 94
Optical	Nominal Value		Test Method

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#### Recommended distributors for this material

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