

# Allen ABS Centrex® 825/LXS

Acrylonitrile Butadiene Styrene  
SEKISUI Polymer Innovations, LLC

## Message:

Centrex® 825/LXS is high impact ABS capped with Centrex® ASA for UV protection and high gloss finish.

Common Applications:

- Vehicle Exteriors
- Marine parts
- Radomes

Features and Benefits:

- Custom color matching
- Excellent UV properties
- Edge trim easily used into future orders
- High gloss finish

General Information			
Features	Good Impact Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	High Gloss		
Uses	Automotive Applications		
	Marine Applications		
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	53	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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