

Allen ABS Luran® 797/LXS

Acrylonitrile Butadiene Styrene
SEKISUI Polymer Innovations, LLC

Message:

Luran® 797/LXS is high impact ABS capped with medium gloss ASA for UV protection.

Common Applications:

Radomes
Vehicle Exteriors
Equipment Housings

Features and Benefits:

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

General Information			
Features	Good Impact Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	Medium Gloss		
Uses	Automotive Applications		
	Housings		
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	1970	MPa	ASTM D790
Flexural Strength	55.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-18°C	80	J/m	
23°C	350	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°)	60		ASTM D523

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