

# Allen ABS 556/499

Acrylonitrile Butadiene Styrene  
SEKISUI Polymer Innovations, LLC

Message:

556/499 is a general purpose ABS that has medium impact strength.  
Common Applications:  
Covers and Housings  
Vehicle Interiors  
Displays  
Features and Benefits:  
Custom color matching  
Good forming properties  
Edge trim easily used in future orders  
Matte Gloss

General Information			
Features	General Purpose		
	Medium Impact Resistance		
Uses	Automotive Applications		
	Displays		
	General Purpose		
	Housings		
Appearance	Matte Finish		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	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	1930	MPa	ASTM D790
Flexural Strength	55.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-18°C	110	J/m	
23°C	210	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

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#### Recommended distributors for this material

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