

Mytex® AS172L-01US

Compounded Polypropylene

Mytex Polymers

Message:

AS172L-01US is a compounded rubber modified polypropylene with good impact and excellent material flow properties. This product is available in Generic Black for full paint applications and in Natural or Pre-Colored for mold-incolo and/or partial paint applications.

Key Applications:

Bumper Fascias and other Exterior Parts

OEM/Customer

General Motors

General Information			
Additive	Rubber		
Features	Good Impact Resistance		
	High Flow		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	23	g/10 min	ISO 1133
Molding Shrinkage ²			ISO 294-4
--	6.0E-3	%	
82°C, 1 hr	7.0E-3	%	
121°C, 1 hr	8.0E-3	%	
Ash Content (600°C)	19.0	wt%	ISO 3451-1A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2/50
Flexural Modulus - Chord ³	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	45	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A

NOTE	
1.	Procedure B
2.	48 hrs after molding
3.	2.0 mm/min

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Recommended distributors for this material


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