

# Alloy Exchange Reprocessed ABS001

Acrylonitrile Butadiene Styrene

Alloy Exchange, Inc.

## Message:

Alloy Exchange Reprocessed ABS001 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America. Primary attribute of Alloy Exchange Reprocessed ABS001: Eco-Friendly/Green.

Typical application of Alloy Exchange Reprocessed ABS001: Automotive

General Information			
Recycled Content	Yes		
Appearance	Black		
Forms	Pellets, Reprocessed		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	1.05	g/cm <sup>3</sup>	ASTM D792A
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	5.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (3.24 mm)	47.3	MPa	ASTM D638
Tensile Elongation (Break, 3.24 mm)	19	%	ASTM D638
Flexural Modulus - Tangent (3.24 mm)	2580	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact <sup>2</sup> (3.22 mm)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load <sup>3</sup> (1.8 MPa, Unannealed, 12.6 mm)	85.2	°C	ASTM D648A

NOTE	
1.	No. of specimens tested: 3
2.	No. of specimens tested: 5
3.	No. of specimens tested: 2

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## Recommended distributors for this material

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