

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 ¹	1.05	g/cm ³	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 ² (3.22 mm)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load ³ (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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