

MBA ABS 4135

Acrylonitrile Butadiene Styrene

MBA Polymers

Message:

An easy flowing, post-consumer recycled acrylonitrile-butadiene-styrene copolymer for general use. Standard colors include standard grey (reference 70/15) and standard black (reference 90/04). Other colors may be available upon request.

General Information	
Recycled Content	Yes
Features	Copolymer
	Good Flow
Uses	General Purpose
Appearance	Black
	Colors Available
	Grey
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	38.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	13	kJ/m ²	ISO 180/1A
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Processing (Melt) Temp	210 to 240	°C	
Mold Temperature	40.0 to 60.0	°C	
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Melt Temperature	200 to 220	°C	

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Recommended distributors for this material

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