MBA PS 3124 (China)

General Purpose Polystyrene

MBA Polymers

Message:

A post-consumer recycled impact modified polystyrene for general use. Available in standard grey (reference 70/15) and standard black (reference 90/04). Other colors may be available upon request.

General Information	
Additive	Impact Modifier
Recycled Content	Yes
Features	Good Impact Resistance
Uses	General Purpose
Appearance	Black Colors Available Grey
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	5.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	23.0	MPa	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	10	kJ/m²	ISO 180/1A
Injection	**Nominal Value**	**Unit**	
Drying Temperature	70.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Processing (Melt) Temp	190 to 230	°C	
Mold Temperature	20.0 to 60.0	°C	
Extrusion	**Nominal Value**	**Unit**	
Drying Temperature	70.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Moisture	0.050 to 0.10	%	
Melt Temperature	180 to 210	°C	

Recommended distributors for this material

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