

MBA PS 3122 (UK)

General Purpose Polystyrene

MBA Polymers

Message:

A post-consumer recycled impact modified polystyrene for general use. Available in standard black (reference 90/04).

General Information			
Additive	Impact Modifier		
Recycled Content	Yes		
Features	Good Impact Resistance		
Uses	General Purpose		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	26.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.5	kJ/m ²	ISO 180/1A
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	1.0 to 2.0	hr	
Suggested Max Moisture	< 0.10	%	
Processing (Melt) Temp	190 to 260	°C	
Mold Temperature	20.0 to 80.0	°C	

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