

ABS 4122

ABS

MBA Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ISO Data			
Yield stress	35	MPa	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Izod notched impact strength, +23°C	6.5	kJ/m ²	ISO 180/1A
Other properties			
Density	1060	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	210 - 230	°C	-
Mold temperature	50 - 70	°C	-
Processing Recommendation Extrusion			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	200 - 220	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Copolymer

Certifications

Recycled Resin Content

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific