

ABS 4124

ABS

MBA Polymers

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	7	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	3.8	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	40	MPa	ISO 527
Flexural Modulus (23°C)	2200	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	10	kJ/m ²	ISO 180/1A

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1050	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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	Value	Unit	Test Standard
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

Certifications

Recycled Resin Content

Features

Copolymer

Applications

General Purpose