

ABS 4122 90/04

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	35	MPa	ISO 527
Flexural Modulus (23°C)	2000	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	6.5	kJ/m ²	ISO 180/1A

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1060	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

Delivery form

Black

Features

Copolymer

Certifications

Recycled Resin Content

Applications

General Purpose

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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