

M-ABS

(ABS+PMMA)

MCPN Netherlands B.V.

Product Texts

Recommended temperature for heated bed is 90-100°C.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1780	MPa	ISO 527
Yield stress	39	MPa	ISO 527
Strain at break	45	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Flexural strength	59	MPa	ISO 178
Izod notched impact strength, +23°C	22	kJ/m ²	ISO 180/1A

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3

Other properties

	Value	Unit	Test Standard
Density	1060	kg/m ³	ASTM D 792

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Special Characteristics

High impact or impact modified, Transparent, Translucent

Features

Low Warpage

Chemical Resistance

General Chemical Resistance

Regional Availability

Europe