

PA-CX12

PA*

MCPN Netherlands B.V.

Product Texts

Recommended temperature for heated bed is 80-100°C.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	280	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Yield strain	8	%	ISO 527
Strain at break	150	%	ISO 527
Charpy notched impact strength, +23°C	14	kJ/m ²	ISO 179/1eA
Shore D hardness	81	-	ISO 7619-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	250	°C	ISO 11357-1/-3

Other properties

	Value	Unit	Test Standard
Humidity absorption	3.5	%	Sim. to ISO 62
Density	1020	kg/m ³	ISO 1183

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Features

Scratch Resistant

Chemical Resistance

General Chemical Resistance

Certifications

Food contact

Regional Availability

Europe