

PET-G

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MCPN Netherlands B.V.

Product Texts

Recommended temperature for heated bed is 60-80°C.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.4	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2020	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Yield strain	6	%	ISO 527
Strain at break	23	%	ISO 527
Flexural modulus, 23°C	2050	MPa	ISO 178
Flexural strength	69	MPa	ISO 178
Charpy impact strength, +23°C	8.1	kJ/m ²	ISO 179/1eU
ASTM Data			
Rockwell Hardness	R 105	-	ASTM D 785

Other properties

	Value	Unit	Test Standard
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1270	kg/m ³	ISO 1183

Characteristics**Processing**

Additive Manufacturing

Features

Low Odor, Low Warpage

Delivery form

Monofilament

Certifications

Food contact

Special Characteristics

High impact or impact modified, Transparent

Regional Availability

Europe