



PLASTIKATRČEK

PET-G technical data sheet

RECOMMENDED PRINTING SETTINGS	VALUE	STANDARD
Extruder temp.	220-240°C	
Bed temp.	80°C	
Fan speed	100%	
Printing speed	50 mm/s	
Mechanical properties		
Tensile Yield Stress,	51 MPa	ISO 527-2
Tensile elongation at Yield	4%	ISO 527-2
Tensile Modulus	2980 MPa	ISO 527-2
Notched Izod Impact Resistance, (23 °C)	4,7 KJ / m ²	ISO 180
Unnotched Izod Impact Resistance, (23 °C)	Non break	ISO 180
Vicat softening temperature	78 °C	ISO 306
Physical properties		
Glass Transition Temperature	80°C	ASTM D3418
Specific Density	1,29 g /cm ³	ASTM D792
Shore hardness	76	ASTM D2240

Additional info :

Printing temperature, bed temperature and printing speed can vary from printer to printer and also nozzle diameter.

Filament is used for FFF/FDM 3D printing.

Tend to absorb moisture from environment. Long exposure to moisture can develop printing problems if not sealed correctly.

This product doesn't contain the restricted substances

Food approval : This product complies with the compositional requirements of the European Regulation Nr 10/2011 on Plastic Food Contact Materials.

Disclaimer: The product and technical information provided in this datasheet is correct to the best of our knowledge. The information given is provided as a guidance for good use, handling and processing and is not to be considered as a quality specification.

Plastika Trček d.o.o. does not carry any responsibilities for injury caused by our filaments.