

TECHNICAL DATA SHEET

ReFill PETG

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Product specifications

ReFill PETG is manufactured for usage with re-usable master spools. Print your own spool. This filament reduces your carbon footprint significantly as packaging waste is reduced to an absolute minimum.

Flammability rating UL94 V2

Important key features

Minimal packaging waste (no spool / box)

Retail price of €16,99 for 0.75kg coils.

Food contact approved according to EU directives

Very easy to 3D print

Suitable applications

Functional prototyping

Waterproof applications

Mounts, jigs, and fixtures

Recommended pretreatment

Drying

Required

45 - 40 °C

12 h

Print with

Enclosure Yes

Dry box Yes

Recommended print settings regular speed

Print speed 25 - mm/s

Nozzle temperature 220 - 250 °C

Bed temperature 75 - 80 °C

Fan speed 0 - 60 %

Recommended print settings high speed

ReFill PETG is high speed compatible. Our recommended settings will be added once available. Please take note that the nozzle temperature and fan speed need to be raised when printing at high speed.

Material properties

	Typical value	Unit of Measure
Density	1,29	g/cm3

Mechanical properties

Impact strenght	4.7	kJ/m2	ISO 180	Izod notched 23°C
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Tensile strenght at break	20	MPa	ISO 527-2
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Tensile modulus	2980	MPa	ISO 527-2
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Thermal properties

Heat deflection temperature	78	°C	ISO 306	HDT A
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Product export information

HS code

39169090

Description

Monofilament for 3D printing

Origin

European Union

Disclaimer

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