



PRINTOLOGIST

3D PRINT E-COMMERCE

MATERIAL DATA SHEET

PET-G

DENSITY	1.15g/cm
HARDNESS IN SHORE SCALE	74D
SHRINKAGE	0.1%
ELONGATION BREAK	21.95%
STRENGTH AT BREAK	360.99N
RESILIENCE FOR V-NOTCH	0.12J/cm ²
YOUNG MODULUS	2304.22mPa
TENSIL AT BREAK	40.95mPa
PRINT TEMPERATURE	220-250
HEATED BED	0-60°
NOZZLE	min 0.2
COOLING	0-60%
FLOW	100%

The tests were carried out on standardized samples, in accordance with ISO 148 and ISO 528.
The prints were made on a Zortrax M200 printer with models infill up to 80%



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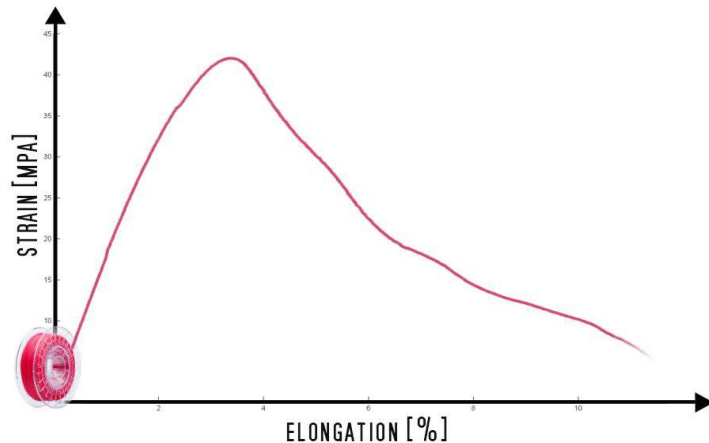
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Modified by poly-glycol (ethylene terephthalate) – is an amorphous thermoplastic copolyesters characterized by exquisite resistance and optical properties. Its significant advantage is that it may be used in contact with food and cosmetics.

Filament SWIFT PET + G is dedicated mostly to people who professionally deal with FDM technology print-outs. It is more elastic and softer than PLA or

ABS. It has very low shrinkage factor and therefore it is suitable for large-sized print-outs. When printing parameters are appropriately selected, printing layers bond perfectly and this guarantees the best printing quality and leaves you satisfied. Swift PET-G has high chemical resistance to acids, alkalis and water. Printing process is free of unpleasant odours so printing with PET-G is very nice! Furthermore, an adequate temperature profile allows for the so-called tossing-free print, which is a considerable advantage as for PET-G.



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