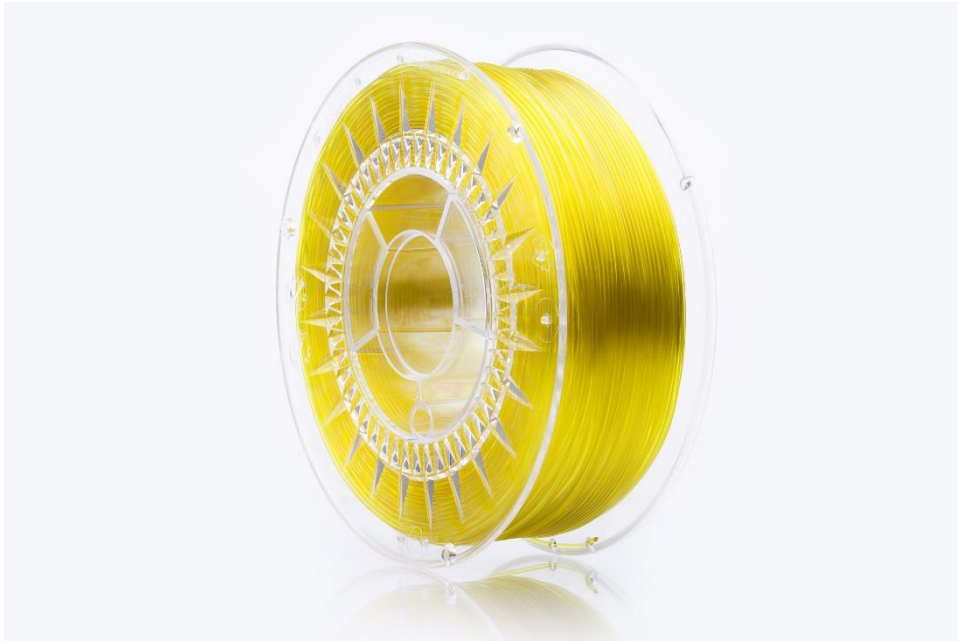


MATERIAL DATA SHEET

3D Filaments – PRINT WITH SMILE



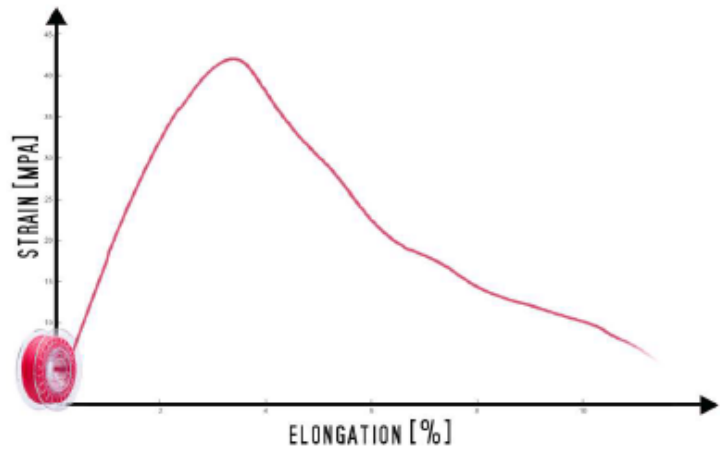
DENSITY	1,15 G/CM3
ELONGATION AT BREAK	21,95 %
SRTENGHT AT BREAK	360,99 N
YOUNG MODULUS	2304,22 MPa
TENSIL AT BREAK	40,95 MPa
PRINT TEMPERATURE	220 – 260 °C
HEATED BED	35 – 50 °C
NOZZLE	0,2 – 0,4 MM
COOLING	20 – 60 %
FLOW	100 %

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%.



Modified by poli-glycol (ethyleneteraphthalate) – is an amorphical 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 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.

AVAILABLE COLOURS:



FUEL INVEST SE,
CZ – Vrážská 1562/24a, 153 00 Praha 5
IČ/VAT: CZ242 32 084
Vedená u Krajského soudu v Brně, H 509



+420 773 111 113
+420 773 111 114



www.printwithsmile.com



sales@3dfilaments.cz

obchod@3dfilaments.cz