

TECHNICAL DATA SHEET

Filaticum TPU 90A

3D printing filament for FDM/FFF printer

Product Description

Filaticum TPU 90A

Specification

	Filaticum TPU 90A
Diameter	1,75 mm
Tolerance	+/-0,05 mm, +/-0,1 mm
Colours	black, white
Weight	1,0 kg

Printer Settings

Nozzle temperature	200-230 °C
Nozzle size	0,4 mm
Bed temperature	50-70 °C
Cooling fan	up to 100%
Layer height	0,05 – 0,30 mm
Print speed	15-50 mm/s

This printer setting recommended for the starting, can be modified according to the printer, printed objects and required mechanical parameters.

Raw Material Properties

Physical properties	Method	TPU
Tensile Strength, MPa	DIN 53504	35
Tensile Elongation Rupture, %	DIN 53515	500
Tear Propagation Strength (Machine Direction) N/mm	DIN 53515	90
Shore Hardness A	DIN 53505	90

Producer

Filaticum Kft., 2310 Szigetszentmiklós, Fenyőfa utca 23/a, Hungary
tel: + 36 30 9313 973, email: info@filaticum.com, www.filaticum.com

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