

## Technical data sheet

# TPE 88 RubberJet Flex

Use	It is a material for the FDM (FFF) 3D printing additive technology.
Material	Poly lactid acid by NatureWork, Biodegradable material
Diameter	1,75 mm
Tolerance	± 0,1 mm
Weight	1,0 kg netto ± 5 % / 1,3 kg brutto ± 5 %
Packing	Spool in Vacuum ZIP bag, inserting to paper box, all in LDPE foil.
Colour	See <a href="http://www.filament-pm.com">www.filament-pm.com</a>
Solvents	Cyklohexan, Tetrahydrofuran

### Printing Properties

Temperature HE	220 - 240 °C
Temperature HB	0 °C
Surface bed	Ultem, PP tape
Cooling print object	Yes
Nozzle	All diameters
Printer space	Open / Close

### Material Properties

Thermal	Vicat softening temperature	IISO 306	100 °C
	Heat deflection temperature	ISO 75	100 °C
Mechanical	Tensile strength	ISO 37	5,5 MPa
	Elongation at Break	ISO 37	300 %
	Tear resistance	ISO	27 N/mm
Physical	Density	ISO 1183/B	0,89 g/cm <sup>3</sup>
	Hardness	ISO 7619	88 Shore A



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