



TECHNICAL DATA SHEET FOR PRODUCT:

RubberJet FILAMENT

Use	is a material for the FDM (FFF) 3D printing additive technology		
Material	thermoplasticelastomer, petroleum product		
Diameters	1,75 mm		
Tolerance	± 0,1 mm		
Weight	0,5 kg netto ± 5% / 0,7 kg brutto ± 5%		
Packing	spool in Vacuum ZIP bag, inserting to paper box, all in LDPE foil		
Colours	views on web https://www.filament-pm.com/rubberjet		
Solvents	cyklohexane, tetrahydrofurane		
Printing Properties:			
Temperature HE	Ø1,75 88A: 210 – 230 °C ;Ø1,75 32D: 220 – 240 °C		
Temperature HB	20 - 50 °C		
Surface bed	PP tape, ultem		
Cooling print object	YES		
Nozzle	All diameters		
Printer space	Open		
Material Properties for TPE88:			
Thermal	vicat softening temperature	ISO 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 34-1	27 N/mm
Physical	Density	ISO 1183/B	0,88 g/cm³
	Hardness	ISO 7619	88 ShoreA
Material Properties for TPE32:			
Thermal	vicat softening temperature	ISO 306	100 °C
	heat deflection temperature	ISO 75	100 °C

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Mechanical	Tensile strength	ISO 37	15 MPa
	Elongation at Break	ISO 37	650%
	Tear resistance	ISO 34-1	41 N/mm
Physical	Density	ISO 1183/B	1,10 g/cm³
	Hardness	ISO 7619	32 ShoreD