

Technical data sheet

FRJet

Use	It is a material for the FDM (FFF) 3D printing additive technology.
Material	Polyetylentefhtalat + 20% flame retarder, petroleum product
Diameter	1,75 mm
Tolerance	± 0,05 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.
Colour	See www.filament-pm.com
Solvents	Acetaldehyde, Benzene

Printing Properties	
Temperature HE	220 – 250 °C
Temperature HB	80 – 90 °C
Surface bed	Ultem, PET foil, commons for FDM printing
Cooling print object	Yes
Nozzle	Min 0,4 mm
Printer space	Open / Close

Material Properties			
Thermal	Vicat softening temperature	IISO 306	85 °C
	Heat deflection temperature	ISO 75	70 °C
Mechanical	Impact strength	ISO 179	23 kJ/m²
	Flexural modulus	ISO 178	2 500 MPa
Physical	Density	ISO 1183/B	1,27 g/cm³
	Melt Flow Index	ISO 1133	11 g/10 min
Flammability	Fire resistance	UL94	V0

