

TECHNICAL DATA SHEET FOR PRODUCT: FRJet FILAMENT

Use	is a material for the FDM (FFF) 3D printing additive technology		
Material	Polyetylentefeftalat + 20% flame retarder, petroleum product		
Diameters	1,75 mm		
Tolerance	± 0,05 mm		
Weight	0,5 kg netto ± 5%		
Packing	spool in Vacuum ZIP bag, inserting to paper box, all in LDPE foil		
Colours	views on web https://www.filament-pm.com/frjet		
Solvents	Acetaldehyde, benzene		
Printing Properties:			
Temperature HE	220 – 250 °C		
Temperature HB	60 - 80 °C		
Surface bed	ultem, PET foil,		
Cooling print object	YES		
Nozzle	All diameters, standart materials		
Printer space	Open / Close		
Material Properties:			
Thermal	vicat softening temperature	ISO 306	85 °C
	heat deflection temperature	ISO 75	70 °C
Mechanical	impact strength	ISO 179	23 kJ/m²
	flexural modulus	ISO 178	2500 MPa
Physical	Density	ISO 1183/B	1,27 g/cm³
	Melt Flow Index	ISO 1133	11 g/10 min
Flammability	Fire resistance	UL94	V0 Class