

Technical data sheet

PLA GlowJet

Use	It is a material for the FDM (FFF) 3D printing additive technology.
Material	Poly lactid acid + 10% fotoluminiscence MB, Non petroleum product
Diameter	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.
Colour	See www.filament-pm.com
Solvents	1,2 Dichloroethane, Toluene, Tetrahydrofuran

Printing Properties	
Temperature HE	200 – 220 °C
Temperature HB	60 °C
Surface bed	Kapton, Ultem, PET folie, běžně používané pro FDM tisk
Cooling print object	Yes
Nozzle	All diameters
Printer space	Open / Close

Material Properties			
Thermal	Vicat softening temperature	IISO 306	55 °C
	Heat deflection temperature	ISO 75	55 °C
Mechanical	Impact strength	ISO 179	16 kJ/m ²
	Flexural modulus	ISO 178	3 500 MPa
Physical	Density	ISO 1183/B	1,24 g/cm ³
	Melt Flow Index	ISO 1133	7 g/10 min
Optical	Light fastness	DIN 53387	7



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