



Technical data sheet

PRINT IT! PLA

Use	Material for FDM/FFF 3D printing additive technology		
Material	Polylactid acid		
Diameter	1,75 mm		
Diameter tolerance	± 0,02 mm		
Key properties	Easy printable material		
	Low mechanical and heat resistance		
Solvents	1,2 Dichloroethane		
	Tetrahydrofuran		
	Toluen		
Netto weight	200 g ± 5 %		
	1000 g ± 5 %		
	3000 g ± 5 %		
Packaging	Vacuumed in a ZIP bag and packed in a paper box		
Printing properties			
Nozzle temperature	215 °C ± 10 °C		
Heatbed temperature	50 °C ± 10 °C		
Nozzle	All diameters		
Surface bed	Commons for FDM printing		
Printer space	Open / Closed		
Material properties			
Thermal	Vicat softening temperature	ISO 306	55 °C
	Heat deflection temperature	ISO 75	55 °C
Mechanical	Impact strenght	ISO 179	16 kJ/m ²
	Flexural modulus	ISO 178	3500 Mpa
Physical	Density	ISO 1183/B	1,24 g / cm ³
	Melt flow index	ISO 1133	6 g / 10 min
Contact information			
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