

TECHNICAL DATE SHEET

PLA

BASE MATERIAL: Polylactic acid

PROPERTIES

PROPERTIES	VALUE	METOD AND CONDICTION
PHYSICAL & MECHANICAL	Density	1,24 g/cm ³
	Hardness/ Flexure Modulus	D792
	Tensile strength	D790
	Tensile Modulus	D882
	Tensile Elongation	D882
THERMAL	Melting point	53 Mpa
	Heat Deflection Temperature	3,6 Mpa
	Viscat Softening Temperature	6%
	Flammability:	
	Burging Rate	D1003
	Flame Rating	E2092
		D3418

SUGGESTED PRINTER SETTING

	VALUE	UNIT
Extruder Temperature	170 – 210	°C
Print Speed	40 – 120	mm/sec
Bed Material	0 – 50	°C

PRODUCT DETAILS & CERTIFICATION

Diameter	1,75 mm 2,85 mm	Tollerance ± 0,05mm Tollerance ± 0,10mm
REACH compliant		ND
FDA compliant		ND
ROHS certified		ND

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