

TECHNICAL DATE SHEET

ALFASILK

BASE MATERIAL: Polylactic acid

PROPERTIES

PROPERTIES	VALUE	METOD AND CONDICTION	
PHYSICAL & MECHANICAL	Density	1,24 g/cm3	D792
	Hardness/ Flexure Modulus	3,8 Gpa	D790
	Tensile strength	53 Mpa	D882
	Tensile Modulus	3,6 Mpa	D882
	Tensile Elongation	6%	D882
THERMAL	Melting point	135°C	D1003
	Heat Deflection Temperature	55°C	E2092
	Viscat Softening Temperature	55-60°C	D3418
	Flammability:		
	Burging Rate	ND	
Flame Rating	ND		

SUGGESTED PRINTER SETTING

	VALUE	UNIT
Extruder Temperature	210 – 230	°C
Print Speed	40 – 120	mm/sec
Bed Material	0 – 70	°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

The information supplied in relation to our products recommendations or otherwise, is collected from source considered to be dependable or internally developed. Ciceri de Mondel Srl assumes no liability and makes no warranties of any kind about the accuracy of this datas. The user assumes all responsibility for the use of all information provided and shall.

Filoalfa by Ciceri de Model Srl
Via Galvani 13, 20080
Ozzero (MI)