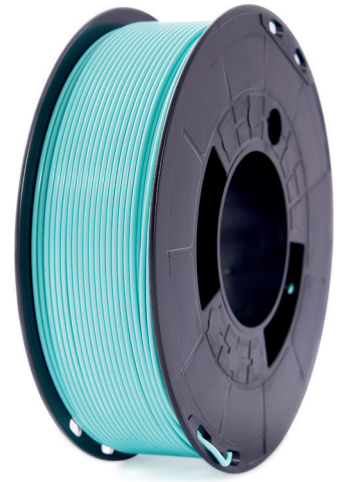


HIGH DEFINITION - Definition, surface finish and resistance.

Biodegradable filament and suitable for all 3D printers. It is very easy to print as it has no shrinkage so you can make really big pieces. With our PLA filament you can achieve a fantastic finish and vivid colors in all your pieces. Excellent adherence to bed between capable.



PHYSICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
DENSITY	1,24	g/cm ³	
FLOW RATE (210°C/2.16KG)	8	g/10 min	ISO 1133-A
FLOW RATE (190°C/2.16KG) STEREOCHEMICAL	3	g/10 min	ISO 1133-A
PURITY (CORBION METHOD) RESIDUAL	96	(% L-isomero)	
MONOMER (CORBION METHOD) MOISTURE	0.3% (max)		
(COULOMETRIC KARL-FISHER) MELTING TEMPERATURE	155°	°C Tm (DSC)	
GLASS TRANSITION TEMPERATURE	55 - 60°	°C Tg (DSC)	

MECHANICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
TENSILE MODULUS	3500	MPa	ISO 527-1
TENSILE STRENGTH	45	MPa	ISO 527-1
STRAIN AT YIELD	5% (max)		ISO 527-1
IMPACT STRENGTH - CHARPY METHOD	23°	°C	ISO 179-1eA

PRINTING PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
NOZZLE TEMPERATURE	190 - 230	°C	
HOT BED TEMPERATURE	50 - 70	°C	
COOLING FAN	ON (100)	%	

SPOOL SIZE	DIAMETER	ON REQUEST	COLOR	PACKAGING
300g	1,75 mm		Various	Carboard box, vacuum and silica
1Kg	1,75 mm		Various	Carboard box, vacuum and silica