

PHYSICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
DENSITY	1,21	g/cm <sup>3</sup>	
FLOW RATE (210°C /2.16KG)	8	g/10 min	ISO 1133-A
MELTING TEMPERATURE	150 - 160°	°C Tm (DSC)	
GLASS TRANSITION TEMPERATURE	60 - 65°	°C Tg (DSC)	

MECHANICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
TENSILE MODULUS	2780	MPa	ISO 527-1
TENSILE STRENGTH	47	MPa	ISO 527-1
STRAIN AT YIELD	20	MPa	ISO 527-1
CHARPY NOTCHED IMPACT, 23°C	3% (max)		ISO 527-1
STRAIN AT YIELD	28% (max)		ISO 527-1
CHARPY NOTCHED IMPACT, 23°C	30	kJ/m <sup>2</sup>	ISO 179-1eA

PRINTING PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
NOZZLE TEMPERATURE	200 - 220	°C	
HOT BED TEMPERATURE	50 - 70	°C	
COOLING FAN	ON (100)	%	

SPOOL SIZE	DIAMETER	COLOR	PACKAGING
300g	1,75mm	Various	Reusable bag, spool and silica
1Kg	1,75mm / 2,85mm	Various	Reusable bag, spool and silica

\* The indicated parameters are valid for correctly calibrated printers (PID, mechanical and fuser).  
 \* Supervised and tested manufacturing process (diameter, color and winding) to guarantee the quality of our product.  
 \*Compatible with most FDM 3D printers on the market