

PHYSICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
DENSITY	1,24	g/cm ³	
FLOW RATE (210°C / 2.16KG)	23	g/10 min	ISO 1133-A
FLOW RATE (190°C / 2.16KG)	10	g/10 min	ISO 1133-A
STEREOCHEMICAL PURITY	98	%	
RESIDUAL MONOMER	≤0,3	%	
MOISTURE (COULOMETRIC KARL-FISHER)	400 (max)	ppm	
MELTING TEMPERATURE	165	°C Tm (DSC)	
GLASS TRANSITION TEMPERATURE	60	°C Tg (DSC)	
APPEARANCE	Crystalline white pellets		

MECHANICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
TENSILE MODULUS	3500	MPa	ISO 527-1
TENSILE STRENGTH	50	MPa	ISO 527-1
ELONGATION AT BREAK	≤5	%	ISO 527-1
CHARPY NOTCHED IMPACT, 23°	≤5	kJ/m ²	ISO 179-1eA
HEAT DEFLECTION TEMPERATURE	60	°C	ISO 75-1

PRINTING PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
NOZZLE TEMPERATURE (300 mm/s)	200-220	°C	
NOZZLE TEMPERATURE (600 mm/s)	230-250	°C	
NOZZLE TEMPERATURE (>5 h prints)	250	°C	
HOT BED TEMPERATURE	40-60	°C	
COOLING FAN	ON (100)	%	

SPOOL SIZE

1Kg

DIAMETER

1,75 mm

COLOR

Various

PACKAGING

Reusable bag, spool and silica bag

* 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.