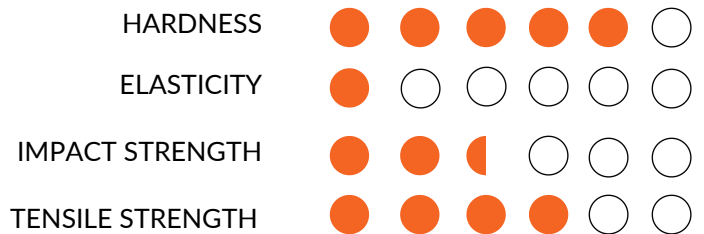




TECHNICAL DATA SHEET

PLA-36

PLA-36 - biodegradable polymer made from renewable resources. One of the basic materials for fast prototyping, especially appreciated by 3D printing hobbyists or people starting their adventure with 3D printing. Universal, used in many industries. It is characterized by high precision and aesthetics of made models, ease of printing and excellent adhesion between layers.



PHYSICAL PROPERTIES

	VALUE	UNIT	TEST METHOD
Density	1,24	g/cm ³	ASTM D792

MECHANICAL PROPERTIES

	VALUE	UNIT	TEST METHOD
Tensile Strength	53	MPa	ASTM D882
Tensile Elongation	6	%	ASTM D882
Flexural strength	83	MPa	ASTM D790
Izod impact strength	16	J/m	ASTM D256

THERMAL PROPERTIES

	VALUE	UNIT	TEST METHOD
Heat Deflection Temperature 0,45 MPa	55	°C	ASTM E2092

RECOMMENDED PRINTING PARAMETERS



Nozzle temperature

190-230°C



Bed temperature

50-60°C