



TECHNICAL SPECIFICATION

PLApower 3D printing filament

Colours: natural (RAL 0000), white (RAL 9010), grey (RAL 7001), black (RAL 9005), red (RAL 3020), blue (RAL 5015), green (RAL 6018).

Package weight: 1 kg.

Filament diameter: 1,75 mm o 2,85 mm.

Diameter tolerance: $\pm 0,05$ mm.

Roundness tolerance: $\pm 5\%$.

Material: PLA – Polylactic Acid 90% natural – 10% addition of thermoplastic material.

Quality of base material: 90% Original Resin.

Density: $1,28 \text{ g/cm}^3$ (21,5° C).

Resistance: $4,5 \text{ kJ/m}^2$.

Spool diameter (up to 1 kg): 200 x 50 mm.

Spool inner tube size: 90 mm.

Packaging: vacuum with silica gel and carton box.

Extrusion temperature: 200° - 220° C. *

Bed temperature: 0° - 70° C. *

Speed of printing (Advised): 50 – 100 mm/s. *

Easy to print: ★★★★★

* Extrusion temperatures can vary according to the type of printer.