



## TECHNICAL SPECIFICATION

### PLAtech 3D printing filament

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**Colours:** transparent (RAL 0000), white (RAL 9010), glow white (fluorescent), grey (RAL 7001), black (RAL 9005), brown (RAL 1011), yellow (RAL 1021), yellow transparent (RAL 1021T), neon yellow (RAL 1026FL), orange (RAL 2008), neon orange (RAL 2007), red (RAL 3020), red transparent (RAL 3020T), neon red (RAL 3024), violet (RAL 4010), blue (RAL 5015), blue transparent (RAL 5015T), green (RAL 6018), silver (RAL 9007), gold (RAL 1036), glitter.

**Package weight:** 500 g, 1 kg.

**Filament diameter:** 1,75 mm or 2,85 mm.

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

**Roundness tolerance:**  $\pm 5\%$ .

**Material:** PLA – Polylactic Acid 100% natural.

**Quality of base material:** 100% Original Resin.

**Density:**  $1,24 \text{ g/cm}^3$  (21,5° C).

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

**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:** 190° - 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.