Products of Ppprint GmbH

PPprint GmbH has developed an innovative combination of a polypropylene (PP) filament and a printing build surface for the extrusion-based 3D printing of polypropylene and launched on the market.

3D printed objects utilizing P-filament

PPprint GmbH offers the following products:

- **PPprint Starter-Kit**
  Easy starting into 3D printing with PP

- **P-filament 721**
  (filament diameters: 1.75 mm or 2.85 mm)

- **P-filament 721 color**
  Many colours on request

- **P-surface 141**
  Printing build surface optimized for
  PP-based 3D printing

- **P-adhesive 220**
  Temperature-stable adhesive film for
  fixing the printing build surface P-surface 141

- **P-roller 621**
  a practical tool for applying P-surface 141 and P-adhesive 220

The PPprint Starter Kit contains all products required for a successful 3D printing with PP.

Why using Polypropylene for your 3D-print?

Polypropylene is:

- ✓ a leight-weight material

- ✓ fully recyclable at the end of the product life cycle

- ✓ very break-resistant and semi-flexible
  (e.g. offers the printing of clips or closing caps)

- ✓ extremely resistant to chemicals and sterilizable

- ✓ temperature-stable

- ✓ translucent and printed parts are optically very appealing

- ✓ food-safe

- ✓ dishwasher-safe

- ✓ good sliding properties and offers a high surface quality

- ✓ not hygroscopic (therefore no drying before printing necessary)

- ✓ ready to use after printing and does not require any subsequent
  surface finishing

- ✓ homogeneous colorable using a low dye content

Industries in which polypropylene is used include the automotive, electrical, household appliance, packaging and food, textile industries, as well as architecture and construction, art and fashion, sports and leisure, and healthcare.