

## POLYPROPYLENE

Polypropylene (PP) combines light weight and low density with outstanding mechanical properties such as flexibility and impact resistance. With its hydrophobic properties, its chemical resistance and its low conductivity, makes it ideal for industrial and automotive parts requiring durability and strength. Lastly, PP can be used to print dishwasher & microwave safe objects. PP is a cost-effective, food contact, all-round filament suitable for a broad variety of needs.



### PROPERTIES

Available colours:



Black, White, Natural

Available diameter:  
1,75mm

Size of the spool:  
700 g and 1500 g

- High chemical & fatigue resistance
- Low density (0.89 g/cm<sup>3</sup>), high Vicat (103 °C)
- Superb layer adhesion
- Suitable for food contact articles

### GENERAL PRINT SETTING

Nozzle temperature:  
220-250°C

Bed temperature:  
85-100°C

Durability, flexibility and high impact resistance  
Lightweight and waterproof  
Chemical resistance



PRINT IN A  
CLOSED BOX



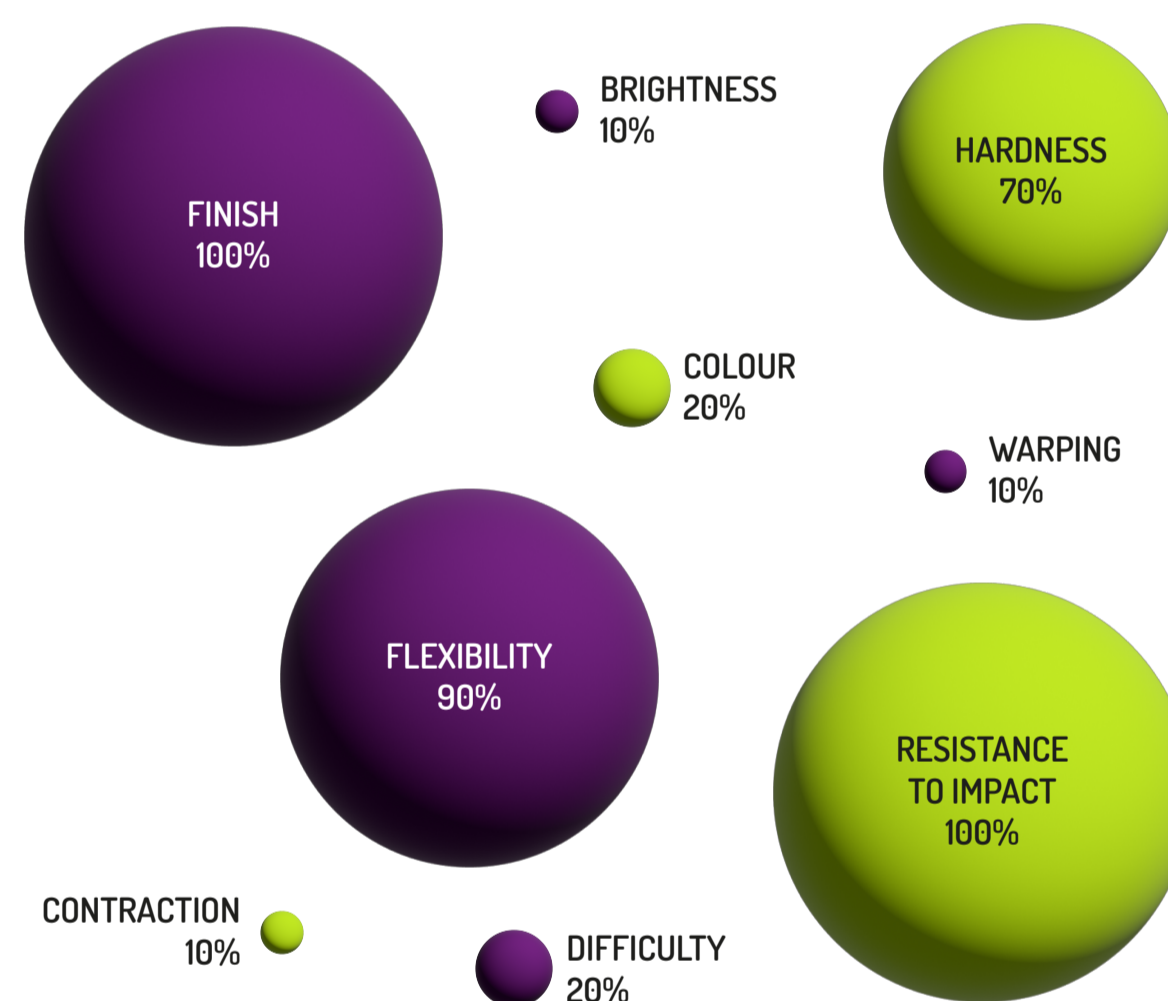
PRINT IN A VENTILATED  
PLACE



USE OF AN ADHERENT IN  
THE WARM BED IS  
RECOMMENDED



TO PRINT AT SLOW SPEEDS  
IS RECOMMENDED

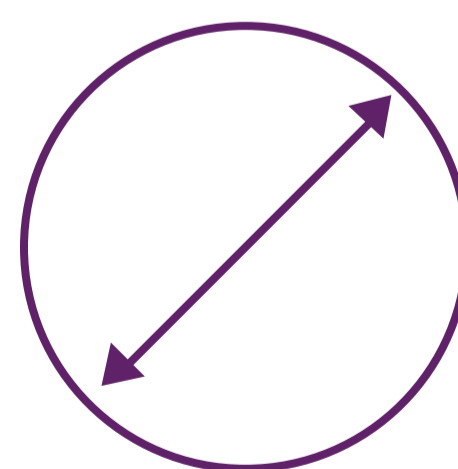


\* Adhesion improves when the temperature of the first layer is higher.

### QUALITY WARRANTY OF WINKLE'S POLYPROPYLENE FILAMENT



Better spooling



Constant diameter

∅ 1,75 mm  
± 0,03 mm



Reusable bag, spool and silica bag

\* The indicated parameters are valid for correctly calibrated printers (P&D, mechanical and fuser)

\* Supervised and tested manufacturing process (diameter, colour and winding) to guarantee the quality of our product

\* Compatible with most FDM 3D printers on the market