

## Recycled PET-G filament

- rPET-G offers **high quality** with functional properties
- filament made of **recycled** PET-G
- PET-G is a modified version of PET. The „G” stands for „modified glycol”, which is added to the composition of the material during the polymerization
- eco-friendly filament
- in the production of PET-G, cyclohexanedimethanol is used instead of ethylene glycol, this structural change causes a change of the thermal properties of the polymer due to the size of the molecule
- it is an amorphous thermoplastic material that has suitable properties for 3D printing
- it is a good all-round material for 3D printing
- impact resistance and chemical resistance
- 100% recyclable

## Recommended print settings

- Extruder temperature: **225-245°C**
- Bed temperature: **70-100°C**
- Recommended nozzle for rPET-G filament printing: **0,4 mm or more**

## Advantages

- high mechanical strength
- very high hardness
- food contact safety
- good interlayer adhesion, easy printing as PLA, low warping
- high heat resistance
- durable, tough, long life of the material
- low level of shrinkage
- excellent flexibility of the material

## Storage conditions

- Store in a dry environment and protect from air humidity
- If the rPET-G filament absorbs moisture, we recommend drying in a hot air oven at **50 °C** for at least **3 hours**.