



# FGFT® Recycled PETG Transparent

Item no.: CMP-PETG-XX-XX

## Technical information

Description	Method	Typical value
Specific gravity	ISO 1183	1,29 g/cm <sup>3</sup>
MFI 200 °C /5 kg	ISO 1133	5,55 g/ 10 min
Tensile modulus (E)	ISO 527	2380 MPa
Tensile strength at maximum force	ISO 527	54 MPa
Tensile strength at break	ISO 527	20 MPa
Elongation at break	ISO 527	31%
Impact strength – charpy method 23 °C	ISO 179	2,4 KJ/m <sup>2</sup>

FGFT® PETG Natural is a recycled PETG, high-performance material, that is transparent and easy-to-print, making it ideal for demanding and aesthetic applications.

### Material features:

- Transparent
- Dimensional stability
- Heat resistance
- Easy-to-print
- Resilient to wear and impact
- Chemical resistant

## Printing recommendations

Pre-drying	Hot air 65°C / 8 hrs - dry air 65°C / 4 hrs
Processing temperature	230 – 250 °C

### Applications:

- Aesthetic applications
- Mechanical parts and tools
- Industrial components
- Structural models

### Additional information:

- Store cool and dry (15-25 °C)
- Available in cylindrical and UWG
- For FGF applications

All raw materials used in the production of products are in conformity with the REACH regulation (EC) no. 1907/2006.

**Disclaimer:** All above-mentioned data have been carefully checked according specific testing procedures and/or based on of raw material data and experience with compatible formulations. The data are provided for informational purposes only.

Therefore, no guarantee or warranty can be expected from these data. They are part of the quality and delivery specifications.

The applicability of the product should be tested under local processing conditions at the converter.