



CLEAR



CARMIN RED

## Advantages of PETG

High tensile strength

Printed filament yields a rigid usable part

Low shrinkage

Odorless

## PETG Applications

Prototypes and final versions of mechanical parts and machine components

Resistance to greases and oils

## PETG

PETG (Copolyester) filament by Filkemp is an extra tough 3D-printable material. Ideal for replacing ABS with print speeds used for PLA.

### PETG Filament - Ø1.75mm | Spool Weight - 1Kg

## TECHNICAL SPECIFICATIONS

Diameter 1.75mm	1.75 ± 0.05 mm
Density <sup>(1)</sup>	1,29 g/cm <sup>3</sup> at 20°C
Melting Point <sup>(2)</sup>	75 - 85°C
Tenacity <sup>(3)</sup>	Min. 4.0 cN/tex
Tensile Strength <sup>(3)</sup>	Min. 12 daN
Elongation <sup>(3)</sup>	Max. 5.0%

TEST METHOD (ASTM)

(1) - DIN 1183 (2) - DIN EN ISO 11357, 20°C/min  
(3) - DIN EN ISO 2062, L=500mm, V=500mm/min

## FILAMENT RECOMMENDATIONS

Heated bed	Not mandatory, but it helps to reduce warping
Good Calibration	Low clearance is recommended
Suggested print temperature	215-230°C
Suggested print speed	40-50 mm/s
Suggested bed temperature	30-60°C (also print w/o heated bed)
Advised Fan air	0-50%