



# 3D Printer Filament PET G

Made by Filkemp

## RAW MATERIAL

PET G - Polyethylene  
terephthalate glycol-modified

## TECHNICAL DATASHEET

## APPLICATION

3D Printing

## Material Specifications

SIZE	Ø TOLERANCE	ROUNDNESS DEVIATION
1,75mm	±0,05mm	max 3%

## Material Properties

DESCRIPTION	TEST METHOD	TYPICAL VALUE
Density	DIN 1183	1.29g/cm <sup>3</sup> at 20°C
Melting point	DIN EN ISO 11357	75 – 85°C
Tenacity	DIN EN ISO 2062 L=500mm, V=500mm/min	Min. 4.0 cN/tex
Tensile Strength	DIN EN ISO 2062 L=500mm, V=500mm/min	Min. 12 daN
Elongation	DIN EN ISO 2062 L=500mm, V=500mm/min	Max. 5.0%

## RECOMMENDATIONS

Suggested print temperature (guideline) 215-230°C  
Suggested print speed 40-50 mm/s  
Suggested bed temperature 0-60°C  
Advised Fan air 0-50%

## STORAGE INSTRUCTIONS



OPTIMAL STORAGE  
TEMPERATURE



UNUSED  
EXPIRATION DATE



COOL, DRY PLACE  
AWAY FROM SUNLIGHT