

# **DATA SHEET**

### PET-G 3D Filament

Material is specifically developed for 3D printing applications where easy processing and high toughness are crucial. The self-bonding ability will improve the strenght and the durability of your creations

## Material properties

Description	Method	Typical value
Density	ASTM D792	1.29 g/cm <sup>3</sup>
Glass transition temperature	ASTM D3418	80°C
Melting temperature	DSC	180°C
Heat deflection temperature	ISO 75 (0.45MPa)	68°C
Tensile strength at yield	ISO 527	46 MPa

### Printing properties

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Hotend temperature	245 -255°C
Heatbed temperature	70 - 90°C
Cooling print object	0 - 30% fan speed
Nozzle diameter	commonly used
Printing environment	open space or inside of box
Bed surface	commonly used (glassbed, PEI, steel etc)
Bed adhesive	glue stick for easy removal
Drying	6 - 8 hours at 65°C

## Type of spool Weight of empty spool

750 gr	transparent	230gr
1 kg	transparent	250gr
1 kg	black	220gr
2,5kg	black	500gr

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#### Disclaimer

The results presented in this datasheet are just for information and comparison. Values are dependent on print settings, operators experiences and surrounding conditions. AURAPOL s.r.o. can not carry any responsibility for injuries or any loss caused by using of AURAPOL material.