



Metallic PETG-HS Filament

1.75 mm · 1 kg spool

OzFDM PETG+ filament is made from high quality specially modified PETG material. This offers low warping, non-cracking and low print and bed temperatures, making it easier to print than standard PETG while still maintaining its high strength and heat resistance. Recommended for a variety of applications, this filament is available in an array of colours.

✓ Metallic colour finish

✓ High-speed PETG

✓ Low warping, non-cracking

RECOMMENDED PRINT SETTINGS

Nozzle temperature	210 – 230 °C
Bed temperature	50 – 70 °C
Print speed	40 – 380 mm/s
Support material	PVA, PLA (interface)
Drying	70 °C for ≥ 5 h

FILAMENT SPECIFICATIONS

Diameter	1.75 mm
Dimensional tolerance	± 0.03 mm
Net weight	1 kg
Density	1.27 – 1.28 g/cm ³

SPOOL & PACKAGING

Empty spool weight	150 g
Full spool weight	1.15 kg
Spool outer diameter	200 mm
Spool hub diameter	52 mm
Spool width	65 mm
Shipping weight	1.3 kg
Box dimensions	210 × 210 × 75 mm

MECHANICAL PROPERTIES

Tensile Strength ISO 527	41 – 45 MPa
Elongation at Break ISO 527	10 – 12 %
Flexural Modulus ISO 527	1400 – 1500 MPa
Flexural Strength ISO 178	64 – 66 MPa
Impact Strength ISO 180	5 – 6 kJ/m ²

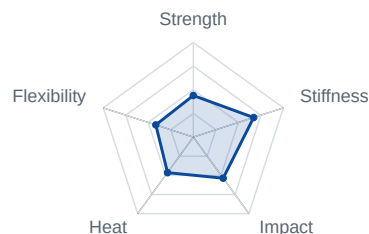
THERMAL & PHYSICAL PROPERTIES

Heat deflection (0.455 MPa) ISO 75	68 °C
Continuous Use Temperature IEC 60216	65 °C
Melt flow rate (250 °C/2.16 kg) ISO 1133	8 – 12 g/10 min
Moisture absorption (23 °C/24 h) ISO 62	< 0.2 %

STORAGE & HANDLING

Airtight bag or container with desiccant in a cool, dark, dry place. For long-term storage, dry the filament before vacuum-sealing it with desiccant.

PROPERTY PROFILE



Relative to the OzFDM filament range

AVAILABLE COLOURS (8)



Gold



Bright Gold



Silver



Grey



Red



Green



Blue



Purple