



PLA Glow in the Dark Rainbow Filament

1.75 mm · 1 kg spool

OzFDM PLA Glow in the Dark 1.75mm 1KG is a professional-grade 3D printing filament. This PLA material is perfect for all those wanting to create glow in the Dark 3D designs. Quality assured, the filament will ensure uniform and stable printing performance for all your projects.

✓ Glows in the dark

✓ Rainbow colour transitions

✓ Professional-grade PLA

RECOMMENDED PRINT SETTINGS

Nozzle temperature	190 – 220 °C
Bed temperature	25 – 60 °C
Print speed	60 – 90 mm/s
Support material	PVA
Drying	40 – 45 °C for 4 – 6 h

FILAMENT SPECIFICATIONS

Diameter	1.75 mm
Dimensional tolerance	± 0.03 mm
Net weight	1 kg
Density	1.25 – 1.26 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	45 – 49 MPa
Elongation at Break ISO 527	13.5 – 15.5 %
Flexural Modulus ISO 527	1000 – 1100 MPa
Flexural Strength ISO 178	69 – 75 MPa
Impact Strength ISO 180	4.5 – 5 kJ/m ²

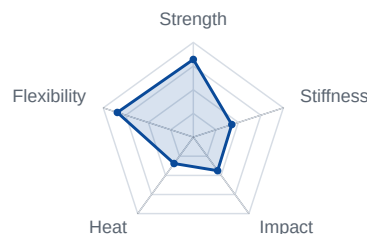
THERMAL & PHYSICAL PROPERTIES

Heat deflection (0.455 MPa) ISO 75	53 °C
Continuous Use Temperature IEC 60216	50 °C
Melt flow rate (250 °C/2.16 kg) ISO 1133	4 – 8 g/10 min
Moisture absorption (23 °C/24 h) ISO 62	< 0.3 %

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 (1)



Rainbow