



Silk Fusion PLA Filament

1.75 mm · 1 kg spool

The OzFDM Silk Fusion PLA is a 1.75mm filament perfect for 3D printing projects. This 1KG spool features dual colour PLA silk fusion filament for beautiful, vibrant, and intricate prints that look professionally constructed. Its high tensile strength ensures your creations will stand the test of time.

✓ Dual-colour silk fusion

✓ Vibrant two-tone sheen

✓ High tensile strength

RECOMMENDED PRINT SETTINGS

Nozzle temperature	200 – 230 °C
Bed temperature	25 – 60 °C
Print speed	40 – 60 mm/s
Support material	PVA, PETG (interface)
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/cm³

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/m²

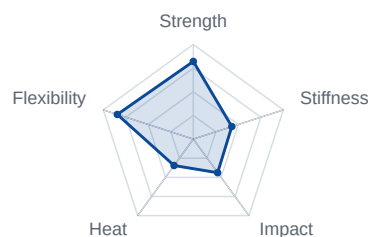
THERMAL & PHYSICAL PROPERTIES

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



AVAILABLE COLOURS (10)



Blue-Green



Blue-Rose



Gold-Rose



Yellow-Pink



Yellow-Green



Blue-Purple



Blue-Silver



Black-Green



Black-Gold



Black-Red