



PVA Support Filament

1.75 mm · 0.5 kg spool

OzFDM PVA is a 1.75mm print filament designed for use as a support material with PLA, TPU, and PA. Its water solubility ensures easy and clean post-processing of the 3D-printed object. With 0.5KG of filament, you can print several large projects with ease. Completely soluble in water.

✓ Water-soluble support

✓ Clean, easy post-processing

✓ Pairs with PLA, TPU & PA

RECOMMENDED PRINT SETTINGS

Nozzle temperature	210 – 230 °C (220 °C recommended)
Bed temperature	25 – 60 °C (40 °C recommended)
Print speed	40 – 90 mm/s (60 mm/s recommended)
Support material	PVA
Drying	50 °C for ≥ 3 h

FILAMENT SPECIFICATIONS

Diameter	1.75 mm
Dimensional tolerance	± 0.05 mm
Net weight	0.5 kg
Density	1.25 – 1.26 g/cm ³

SPOOL & PACKAGING

Empty spool weight	150 g
Full spool weight	0.65 kg
Spool outer diameter	180 mm
Spool hub diameter	55 mm
Spool width	49 mm
Shipping weight	0.8 kg
Box dimensions	210 × 210 × 75 mm

MECHANICAL PROPERTIES

Tensile Strength ISO 527	65 – 75 MPa
Elongation at Break ISO 527	7 – 8.5 %
Flexural Modulus ISO 527	1800 – 2100 MPa
Flexural Strength ISO 178	88 – 92.5 MPa
Impact Strength ISO 180	1.6 – 2.5 kJ/m ²

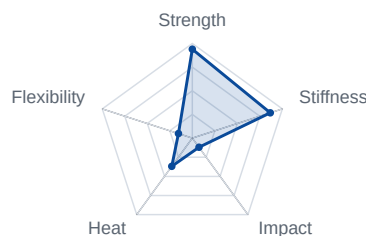
THERMAL & PHYSICAL PROPERTIES

Heat deflection (0.455 MPa) ISO 75	55 °C
Melt flow rate (250 °C/2.16 kg) ISO 1133	4 – 8 g/10 min
Moisture absorption (23 °C/24 h) ISO 62	10 – 15 %
Saponification Degree ISO 6293	74 – 76 %
Solubility (40µm flakes/20°C water) -	97 s

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 (1)



Natural