

**TRADE NAME:** Fiberlogy R PP

**MANUFACTURER:** Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland

**DESCRIPTION:** R PP filament designed for printing in FFF/FDM technology, available in anthracite color, wound on a spool, vacuum-packed in a plastic bag, placed in a cardboard box.

### TECHNICAL INFORMATION:

**Diameter:** 1.75 mm  
**Diameter Tolerance:** +/- 0.02 mm  
**Avg Roundness:** + 0.01 mm  
**Net Weight:** 0.75 kg  
**Print Temperature:** 220°C - 250°C  
**Bed Temperature:** Not required when using a packing tape



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm <sup>3</sup>	1.05
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength	ISO 527	MPa	14
Tensile Modulus	ISO 527	MPa	700
Elongation @ Break	ISO 527	%	>100
Charpy Impact Strength (Notched) @ 23°C	ISO 179	kJ/m <sup>2</sup>	30
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 1.8 MPa	ISO 75	°C	40

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