

**TRADE NAME:** Fiberlogy VELVET PLA

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

**DESCRIPTION:** VELVET PLA filament designed for printing in FFF/FDM technology, available in different colors, 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:** 0.85 kg  
**Print Temperature:** 200°C - 230°C  
**Bed Temperature:** 50°C - 70°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm <sup>3</sup>	1.27
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	56
Tensile Strength @ Break	ISO 527	MPa	28
Tensile Modulus	ISO 527	MPa	3100
Elongation @ Yield	ISO 527	%	3
Elongation @ Break	ISO 527	%	5
Charpy Impact Strength (Unnotched) @ 23°C	ISO 179	kJ/m <sup>2</sup>	17
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	53
Vicat Softening Temperature	ISO 306	°C	63

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