

TRADE NAME: **Fiberlogy MATTE PLA**

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

DESCRIPTION: **MATTE PLA** filament designed for printing in FFF/FDM technology, available in different colors, wound on a spool or as a refill, 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: 60°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ASTM D792	g/cm ³	1.24
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ASTM D882	MPa	41
Elongation @ Yield	ASTM D882	%	4
Flexular Strength	ASTM D790	MPa	48
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ASTM E2092	°C	55
Glass Transition Temperature T _g	ASTM D3418	°C	55 - 60
Melting Temperature T _m	ASTM D3418	°C	145 - 160

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