Fiberlogy

TECHNICAL DATA SHEET
FIBERLOGY MATTE ASA

TRADE NAME: **Fiberlogy MATTE ASA**

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

DESCRIPTION: **MATTE ASA** 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:	0.75 kg
Print Temperature:	255°C - 270°C
Bed Temperature:	90°C - 110°C

Physical Properties	**Test Method**	**Unit**	**Typical Value**
Specific Density	ASTM D792	g/cm^3	1.07
Mechanical Properties	**Test Method**	**Unit**	**Typical Value**
Tensile Strength @ Yield	ISO 527	MPa	43
Tensile Modulus	ISO 527	MPa	2300
Elongation @ Yield	ISO 527	%	3
Elongation @ Break	ISO 527	%	19
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m^2	8
Thermal Properties	**Test Method**	**Unit**	**Typical Value**
Heat Distortion Temperature @ 0.45 MPa	ASTM D648	°C	96
Heat Distortion Temperature @ 1.8 MPa	ASTM D648	°C	87
Vicat Softening Temperature	ASTM D1525	°C	96

Last update: May 20, 2025