

TRADE NAME:	Fiberlogy ASA+AF
MANUFACTURER:	Fiberlab S.A., Brzezcie 387, 32-014 Brzezcie, Poland
DESCRIPTION:	ASA+AF filament designed for printing in FFF/FDM technology, available in a natural 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:	255°C - 280°C
Bed Temperature:	90°C - 110°C



Physical Properties	Test Method	Unit	Typical Value
Density	ISO 1183	g/cm ³	1.07
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	40
Tensile Strength @ Break	ISO 527	MPa	35
Tensile Modulus	ISO 527	MPa	2200
Elongation @ Yield	ISO 527	%	2.8
Elongation @ Break	ISO 527	%	6
Charpy Impact Strength (Unnotched)	ISO 179	kJ/m ²	25
Charpy Impact Strength (Notched)	ISO 179	kJ/m ²	7.5
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.455 MPa	ISO 75	°C	89
Heat Distortion Temperature @ 1.82 MPa	ISO 75	°C	79
Vicat 50 N (heating rate 50 °C/h)	ISO 306	°C	94

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