TRADE NAME:	**Fiberlogy ABS PLUS**
MANUFACTURER:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
DESCRIPTION:	**ABS PLUS** 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:	250°C - 270°C
Bed Temperature:	90°C - 110°C

Physical Properties	**Test Method**	**Unit**	**Typical Value**
Specific Density	ISO 1183	g/cm^3	1.05
Mechanical Properties	**Test Method**	**Unit**	**Typical Value**
Tensile Strength @ Yield	ISO 527	MPa	45
Tensile Modulus	ISO 527	MPa	2300
Elongation @ Yield	ISO 527	%	2.5
Flexular Strength	ISO 178	MPa	68
Flexular Modulus	ISO 178	MPa	2300
Charpy Impact Strength (Notched) @ 23°C	ISO 179	kJ/m^2	18
Thermal Properties	**Test Method**	**Unit**	**Typical Value**
Heat Distortion Temperature @ 1.8 MPa	ISO 75	°C	100*
Vicat Softening Temperature	ISO 306	°C	97

* - annealing

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