

BRAND:	Fiberlogy
NAME:	Fiberlogy IMPACT PLA
MANUFACTURER:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
DESCRIPTION:	IMPACT PLA filament designed for printing in FFF/FDM technology, available in different colors, wound on a spool, vacuum-packed in plastic, 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:	220°C - 245°C
Bed Temperature:	50°C - 70°C (Heating is not required when using the plates that increase adhesion), for printing on glass it's recommended to use additives for improving adhesion.

MATERIAL PROPERTIES:

Mechanical Properties	Test Method	Unit	Typical Value
Specific Gravity	D792	g/cc	1.22
Tensile Strength	D638	MPa	40
Tensile Modulus	D790	MPa	2 865
Flexural strength	D790	MPa	73
Flexural modulus	D790	MPa	2 414
Rheological Properties	Test Method	Unit	Typical Value
MFR (210°C / 2,16 kg)	D1238	g/10 min	9-15
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature (0.45 MPa)	Test Method	°C	75-85

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