

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
Notched Izod Impact	D256	J/m	160
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

The information set forth herein has been gathered from standard reference materials and/or supplier test data. To the best knowledge and belief of Fiberlab S.A. they are accurate and reliable. Information is offered only for your consideration, investigation and verification. Fiberlab S.A. makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein combination with any other material or process, and assumes no responsibility therefore.

