Fiberlogy
proven quality, no compromises

TECHNICAL DATA SHEET
FIBERLOGY ESD PET-G

TRADE NAME: Fiberlogy ESD PET-G

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

DESCRIPTION: ESD PET-G filament designed for printing in FFF/FDM technology, available in a black 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
Print Temperature:	250°C - 265°C
Bed Temperature:	85°C

Physical Properties	**Test Method**	**Unit**	**Typical Value**
Specific Density	ISO 1183	g/cm^3	1.3
Mechanical Properties	**Test Method**	**Unit**	**Typical Value**
Tensile Strength @ Break	ISO 527	MPa	50
Tensile Modulus	ISO 527	MPa	2400
Elongation @ Break	ISO 527	%	5
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m^2	3
Thermal Properties	**Test Method**	**Unit**	**Typical Value**
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	75
Glass Transition Temperature Tg	DSC	°C	85
Thermal Properties	**Test Method**	**Unit**	**Typical Value**
Surface Resistivity	ASTM D 257 1991	Ω/cm2	10^5 - 10^8
Volume Resistivity	IEC 60093	Ω/cm2	10^5 - 10^7

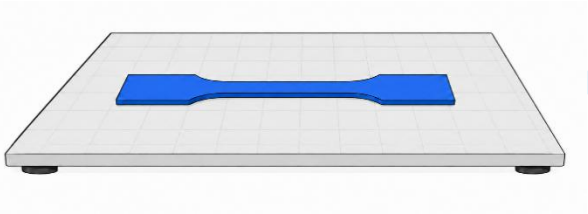
The information set forth herein has been gathered from standard reference materials and/or supplier test data. To the best knowledge and belief of Fiberlab S.A. they are accurate and reliable. Information is offered only for your consideration, investigation and verification. Fiberlab S.A. makes no 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.

3D printed

Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	49,8
Tensile Strength @ Break	ISO 527	MPa	17,9
Tensile Modulus	ISO 527	MPa	2545
Elongation @ Yield	ISO 527	%	3,4
Elongation @ Break	ISO 527	%	8,0
Flexular Strength	ISO 178	MPa	80,2
Flexular Modulus	ISO 178	MPa	2260
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m^2	5,1

Sample Printing Specifications

Printer: BambuLab P1S
Nozzle: 0.4 mm
Nozzle Temperature: 265°C
Bed Temperature: 90 °C
Leyer height: 0.2 mm
Perimeters: 2
Infill: 100% (Rectilinear)



Last update: October 6, 2026

Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
office@fiberlogy.com | +48 731 400 201
VAT EU PL6772384498