

BRAND: Fiberlogy

NAME: Fiberlogy Easy PLA filament

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

DESCRIPTION: Easy 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 Tolerance: +/- 0,02 mm

Avg Roundness: + 0,01 mm

Print Temperature: 200°C - 220°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 |
|----------------------------------|--------------------|------------------|----------------------|
| Tensile modulus | D882 | MPa | 3,6 |
| Tensile strength at break | D882 | MPa | 53 |
| Flexural strength | D790 | MPa | 83 |
| Flexural modulus | D790 | MPa | 3,8 |
| Tensile elongation | D882 | % | 6 |
| Density | D792 | g/cc | 1.24 |
| Rheological Properties | Test Method | Unit | Typical Value |
| MVR (210 °C / 2,16 kg) | D1238 | g /10 min | 6 |
| Thermal Properties | Test Method | Unit | Typical Value |
| HDT (0,45 MPa) | E2092 | °C | 55 |

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.

Last update: 12/07/2017