

**TRADE NAME:** Fiberlogy MATTE ASA

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

**DESCRIPTION:** **MATTE ASA** 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: 0.75 kg  
Print Temperature: 255°C - 270°C  
Bed Temperature: 90°C - 110°C



| Physical Properties                    | Test Method | Unit              | Typical Value |
|----------------------------------------|-------------|-------------------|---------------|
| Specific Density                       | ASTM D792   | g/cm <sup>3</sup> | 1.07          |
| Mechanical Properties                  | Test Method | Unit              | Typical Value |
| Tensile Strength @ Yield               | ISO 527     | MPa               | 43            |
| Tensile Modulus                        | ISO 527     | MPa               | 2300          |
| Elongation @ Yield                     | ISO 527     | %                 | 3             |
| Elongation @ Break                     | ISO 527     | %                 | 19            |
| Izod Impact Strength (Notched) @ 23°C  | ISO 180     | kJ/m <sup>2</sup> | 8             |
| Thermal Properties                     | Test Method | Unit              | Typical Value |
| Heat Distortion Temperature @ 0.45 MPa | ASTM D648   | °C                | 96            |
| Heat Distortion Temperature @ 1.8 MPa  | ASTM D648   | °C                | 87            |
| Vicat Softening Temperature            | ASTM D1525  | °C                | 96            |

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