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| TRADE NAME: | Fiberlogy ASA+AF |
| MANUFACTURER: | Fiberlab S.A., Brzezcie 387, 32-014 Brzezcie, Poland |
| DESCRIPTION: | ASA+AF filament designed for printing in FFF/FDM technology, available in a natural color, wound on a spool, vacuum-packed in a plastic bag, placed in a cardboard box. |

TECHNICAL INFORMATION:

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| Diameter: | 1.75 mm |
| Diameter Tolerance: | +/- 0.02 mm |
| Avg Roundness: | + 0.01 mm |
| Net Weight: | 0.75 kg |
| Print Temperature: | 255°C - 280°C |
| Bed Temperature: | 90°C - 110°C |



| Physical Properties | Test Method | Unit | Typical Value |
|---|-------------|-------------------|---------------|
| Density | ISO 1183 | g/cm ³ | 1.07 |
| Mechanical Properties | Test Method | Unit | Typical Value |
| Tensile Strength @ Yield | ISO 527 | MPa | 40 |
| Tensile Strength @ Break | ISO 527 | MPa | 35 |
| Tensile Modulus | ISO 527 | MPa | 2200 |
| Elongation @ Yield | ISO 527 | % | 2.8 |
| Elongation @ Break | ISO 527 | % | 6 |
| Charpy Impact Strength (Unnotched) | ISO 179 | kJ/m ² | 25 |
| Charpy Impact Strength (Notched) | ISO 179 | kJ/m ² | 7.5 |
| Thermal Properties | Test Method | Unit | Typical Value |
| Heat Distortion Temperature @ 0.455 MPa | ISO 75 | °C | 89 |
| Heat Distortion Temperature @ 1.82 MPa | ISO 75 | °C | 79 |
| Vicat 50 N (heating rate 50 °C/h) | ISO 306 | °C | 94 |

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