

BRAND: Fiberlogy
NAME: **Fiberlogy R ABS**
MANUFACTURER: Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
DESCRIPTION: R ABS filament designed for printing in FFF/FDM technology, available in anthracite color, 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: 0.75 kg
Print Temperature: 250°C - 265°C
Bed Temperature: 90°C - 110°C

MATERIAL PROPERTIES:

Mechanical Properties	Test Method	Unit	Typical Value
Melt Flow Index (200°C3, 5kg)	D1238	g/10 min	1.1
Mass density (23°C)	D792	g/cm ³	1.03
HDT (1.8 MPa, Annealed)	D648	°C	95
HDT (1.8 MPa, Unannealed)	D648	°C	85
Vicat Softening Temperature (1kg, 50°C/hr)	D1525	°C	103
Tensile Strength (Yield) (6 mm/min)	D638	kg/cm ²	385
Tensile elongation	D638	%	30
Flexural strength	D790	kg/cm ²	620
Flexural modulus	D790	10 ⁴ kg/cm ²	2.2

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