

Technical data sheet - HIPS Extrafill

Product:	HIPS Extrafill
Diameter:	1,75 mm (+/- 0,05 mm)
Length:	290 m
Weight:	> 0,75 kg
Material:	HIPS Extrafill
Color:	natural and wide variety of colours according to the color range

Information:

- High quality filaments with the trade name HIPS Extrafill used for the FFF (also known as FDM) 3D printing technology.
- HIPS is one of the most commonly used polymeric materials in the world, due to its physical properties – strength and heat resistance – is widely used in the packing industry, food industry etc.
- HIPS filament is made of a polymer which has very similar properties to ABS with regards to rigidity and impact resistance.
- HIPS is useful for printing support parts that will dissolve in Lemonesol and for that reason is HIPS very interesting, in combination with ABS, for the creation of models.
- Fillamentum guarantees high precision of filament dimension within the tolerance +/- 0,05 mm, which is strictly controlled throughout the production.

Properties of HIPS filaments for 3D printing:

Specific Gravity (ASTM D1505):	1,03 g/cm ³
Elongation at break:	59 %
Flexural strength (ASTM D638):	42,2 MPa
Working temperature:	200 - 210 °C
Hot pad:	90 - 100 °C



Filaments HIPS Extrafill for 3D printing are produced on the extrusion line with a continuous measurement of the outer diameter of 1,75 mm.

Tolerance for diameters +/- 0,05 mm.

Package:

Filaments HIPS Extrafill are wound on a plastic spool and packaged in a cardboard box. The box is marked by label, unless otherwise noted.

Total weight including packaging is 1 kg, the weight of filament is 0,75 kg.

In case of questions please contact us at the following address:

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