

EVO-tech HIPS Filament

Description

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.

HIPS filament is made of a polymer which has very similar properties to ABS with regards to rigidity and impact resistance

Application

Support Material

Storage and Shelf Life

Store at around room temperature (18 to 27 °C [65–80 °F]) and protect from direct heat or sunlight. Keep sealed in an air tight container, away from humidity.

True Colours Available

Color: Natural (white)

Values refer to the raw material and may vary depending on the printing direction or settings

Properties	Test Condition	Test Method	Unit	Value
Tensile Elongation @break		ASTM D638	%	59
Flexural Strength	1,3mm/min	ASTM D638	MPa	42,2
Izod Impact Strength Notched @25°C		ASTM D256	ft-lb/in	2,8
Vicat Softening Temp.		ASTM D1525	°C	98
Heat Deflection Temperature		ASTM D648	°C	85
Specific Gravity		ISO1183	g/cm ³	1,03

Print Settings EVOLizer

Extruder: 210 – 240 °C

Heatbed: 90 – 100 °C

Print on. EVO-tech Printbed

Length on Roll: 290 m / 0,75 kg

