

## EasyFil™ ABS

EasyFil ABS is an easy to use and high-end Acrylonitrile Butadiene Styrene 3D printer filament.

EasyFil ABS prints at slightly higher printing temperatures than regular ABS, but its superb process stability and physical features make EasyFil ABS a much more impact resistant and printable ABS type of filament compared to average ABS filaments.

### Unique features

- Superb process stability and limited warping
- Significant higher impact resistance than average ABS
- Very strong and durable
- Light-weight
- Viscat softening temperature of  $\pm 103^{\circ}$  C
- Wide variety of vivid opaque colors
- Engineered to be compliant to FDA food and drink contact articles

### General printing guidelines \*

<b>Nozzle size:</b> $\geq 0.15\text{mm}$	<b>Layer height:</b> $\geq 0.1\text{mm}$	<b>Flow rate:</b> $\pm 104\%$
<b>Print temp:</b> $\pm 220 - 270^{\circ}$ C	<b>Print speed:</b> Medium	<b>Retraction:</b> Yes $\pm 5\text{mm}$
<b>Heat bed:</b> $\pm 90 - 110^{\circ}$ C	<b>Fan speed:</b> 0-25%	<b>Experience level:</b> Intermediate

*\*) Above displayed settings are meant as guidance to find your optimal print settings. These ranges in settings should work for most printers, but please do feel free to experiment outside these ranges if you think it is suitable for your printer. There are a lot of different type of printers, hot-ends and printer offsets that it is extremely difficult to give an overall one-size-fits-all setting.*

### Filament length

<i><math>\rho</math>: 1.03 g/cc</i>	50 gr coil	0.75 Kg spool	2.3 Kg spool		
$\emptyset$ 1.75mm	$\pm 20.2\text{m}$	$\pm 303\text{m}$	$\pm 928\text{m}$		
$\emptyset$ 2.85mm	$\pm 7.6\text{m}$	$\pm 114\text{m}$	$\pm 350\text{m}$		

### Product export information

<b>HS Code:</b> 39169090	<b>Description:</b> Monofilament	<b>Country of origin:</b> the Netherlands
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*\* ) FDA compliant filament is specifically made of FDA compliant polymers for direct food contact/containers or raw plastic material for 3D Printing Prototyping and Manufacturing. This filament is made to meet the requirements for the use in Food Contact Articles. Please note that the filaments do not have an actual FDA listing number.*

*\* ) RoHS & REACH compliance in accordance with: RoHS Directive 2011/65/EC -&- REACH Directive 1907/2006/EC.*