

DESCRIPTION

Extrudr BioFusion is a new generation bio-based material specially developed for designers and makers. The material is offered in vivid colors. The raw material is approved according to the REACH-, RoHS- and FDA-Standards.

FEATURES

- Distinctive metallic shine
- Good impact strength
- Low warping tendency
- Recycleable

PROPERTIES 1

TEST	METHOD	UNIT	VALUE
Tensile modulus (E-Modulus)	ASTM D882	MPa	3200
Tensile strength	ASTM D882	MPa	55
Breaking stress	ASTM D882	%	5
Elongation at break	ISO 527	MPa	41
E-Modulus	ISO 178	MPa	2200
Impact resistance	ASTM D256	kj/m²	12 J/m
MFR	ASTM D1238	g/10min	7
Melting temperature	ISO 3146-C	°C	200-210
VICAT A (VST)	ASTM D1525	°C	75*
Shrinking	ASTM D955	%	0.3
Density	ASTM D792	g/cm³	1.25

^{*}Temperature resistance tested at a minimum wall thickness of 4 mm.

CERTIFICATIONS & ADDITIONAL INFORMATION 2









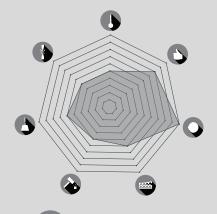


RECYCLABLE

STORAGE AND SHELF LIFE

Store in a dry room at room temperature (18-27°C / 65-80°F). Keep out of direct heat and sunlight. When stored correctly, this material has a shelf life of 2 years.

- 1. Additional info in our regulatory, additional information and chemical resistance data sheets.
- 2. Certifications depend on colors in final product. More info in the additional information sheet.



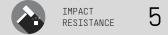




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PRINT SETTINGS

Nozzle 210-220°C Heatbed 20-60°C Adhesive not required Speed 20-40mm/s Cooling 0-30%

Recommended settings for printers with a 0.4mm Nozzle. Max. 50% layerheight. Optimal print settings may vary between different printers and also depend on environmental factors.

NEED HELP?

If you have any question about the product and/or you are experiencing an issue, please contact us via support@extrudr.com



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