



MATERIAL DATA SHEET

BioFusion

DESCRIPTION

Extrudr BioFusion is a new breed of glossy material made from a high-performance compound.

APPLICATION

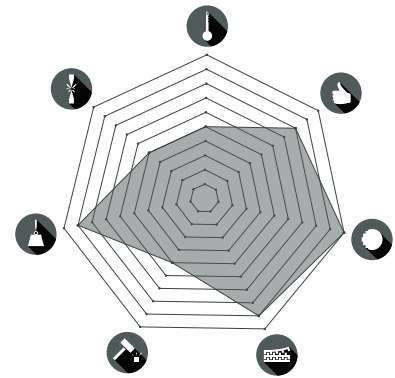
Extrudr BioFusion is best suited for designers and makers who are looking for an extra gloss in their printed parts.

STORAGE AND SHELF LIFE

Store at room temperature (18-27°C / 65-80°F) in a dry place. Make sure it is out of direct heat and sunlight. When stored correctly, this material has a shelf life of 1 year.

PROPERTIES

TEST	METHOD	UNIT	VALUE
Flexural 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/m ²	12 J/m
MFR	ASTM D1238	g/10 min	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/cm ³	1.25



	TEMPERATURE RESISTANCE	5
	EASE OF PRINTING	8
	VISUAL QUALITY	10
	LAYER ADHESION	9
	IMPACT RESISTANCE	5
	MAXIMUM STRESS	9
	ELONGATION AT BREAK	5

TECHNICAL SUPPORT

support@extrudr.com

PARAMETERS

Nozzle	190-220°C
Heatbed	0-60°C
Speed	60-120 mm/s

INFORMATION

For more detailed information about this product, please visit www.extrudr.com/bif

