



# MATERIAL DATA SHEET

## extrudr GREENTEC PRO

### DESCRIPTION

GreenTEC PRO is made from a high-performance and heat-resistant renewable biodegradable biopolymer.

### APPLICATION

GreenTEC PRO is designed for extreme industrial use. It has very good mechanical and thermal properties.

### STORAGE AND SHELF LIFE

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

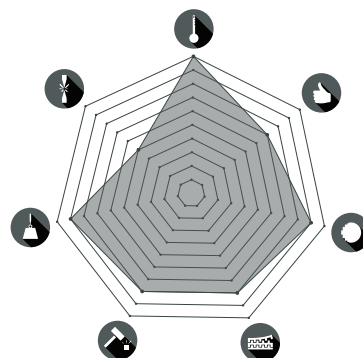
### PROPERTIES

TEST	METHOD	UNIT	VALUE
Flexural modulus	ISO 527	MPa	4400
Tensile strength	ISO 527	MPa	61
Breaking stress	ISO 527	%	3,4
Breaking stress	ISO 527	Mpa	50
Elongation at break	ISO 527	%	3
Notched impact strength	ISO 179-1/1 eA	kJ/m <sup>2</sup>	4,4
Impact resistance	ISO 179-1/1 eU	kJ/m <sup>2</sup>	72
MFR	ISO 1133	g/10 min	12
Melting temperature	ISO 3146-C	C°	190-210
VICAT A (VST)	ISO 306	C°	160
HDT / B	ISO 75	C°	115
Shrinking	ISO 294-4	%	0,4
Density	ISO 1183	g/cm <sup>3</sup>	1,39

### TECHNICAL SUPPORT

Contact us regarding any questions, improvement suggestions, or problems with this product.

EMAIL [support@extrudr.eu](mailto:support@extrudr.eu)



VISUAL QUALITY

9



HIGH TEMPERATURE RESISTANCE

10



LAYER ADHESION

8



IMPACT RESISTANCE

8



ELONGATION AT BREAK

5



MAXIMUM STRESS

9



EASE OF PRINTING

7