



MATERIAL DATA SHEET

extrudr GREENTEC

DESCRIPTION

GreenTEC is made from a high-performance renewable biodegradable biopolymer.

APPLICATION

GreenTEC is designed for industrial use. It has 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

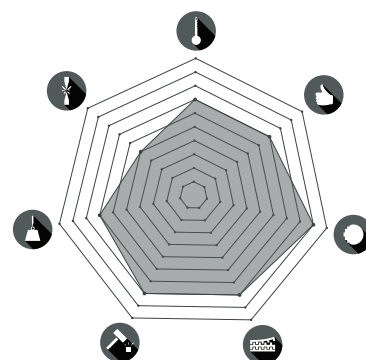
PROPERTIES

TEST	METHOD	UNIT	VALUE
Flexural modulus	ISO 527	MPa	3300
Tensile strength	ISO 527	MPa	45
Breaking stress	ISO 527	%	2,5
Breaking stress	ISO 527	Mpa	18
Elongation at break	ISO 527	%	14
Notched impact strength	ISO 179-1/1 eA	kJ/m ²	19
Impact resistance	ISO 179-1/1 eU	kJ/m ²	218
MFR	ISO 1133	g/10 min	3,5
Melting temperature	ISO 3146-C	C°	180-200
VICAT A (VST)	ISO 306	C°	115
HDT / B	ISO 75	C°	47
Shrinking	ISO 294-4	%	0,5
Density	ISO 1183	g/cm ³	1,3

TECHNICAL SUPPORT

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

EMAIL support@extrudr.eu



VISUAL QUALITY

9



HIGH TEMPERATURE RESISTANCE

7



LAYER ADHESION

8



IMPACT RESISTANCE

8



ELONGATION AT BREAK

5



MAXIMUM STRESS

7



EASE OF PRINTING

7