



# MATERIAL DATA SHEET

## extrudr Pearl

### DESCRIPTION

Pearl is made from a renewable biodegradable biopolymer developed for use in design.

### APPLICATION

Pearl is characterized by its uniquely silky-smooth surface.

### 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

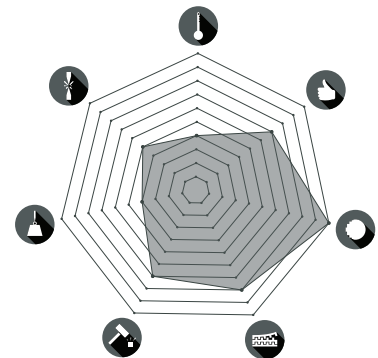
### TECHNICAL SUPPORT

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

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

### PROPERTIES

TEST	METHOD	UNIT	VALUE
Flexural modulus	ISO 527	MPa	2500
Tensile strength	ISO 527	MPa	34
Breaking stress	ISO 527	%	3
Elongation at break	ISO 527	%	6,9
E-Modulus	ISO 178	Mpa	1800
Flexural strength	ISO 527	MPa	30,1
MFR	ISO 1133	g/10 min	4
VICAT A (VST)	ISO 306	C°	58
HDT / B	ISO 75	C°	51
Shrinking	ISO 294-4	%	0,67
Density	ISO 2781	g/cm <sup>3</sup>	1,25



VISUAL QUALITY

10



HIGH TEMPERATURE RESISTANCE

4



LAYER ADHESION

7



IMPACT RESISTANCE

6



ELONGATION AT BREAK

4



MAXIMUM STRESS

5



EASE OF PRINTING

7