

Pastello PLA

MATERIAL PROPERTIES

Density	1.30 g/cm ³	D792
Mechanical properties		
Tensile strength at Yield	38 MPa	D638
Elongation at break	>10 %	D638
Flexural Modulus	2350 MPa	D790
Izod notched	50 J/m	D256
Thermal properties		
Heat Deflection Temperature		
1.8 Mpa	53°C	D648
0.45 Mpa	59°C	D648

GUIDELINE FOR PRINT SETTINGS*

Nozzle temperature	185 - 215°C	
Bed temperature	0 - 60°C	
Active cooling fan	YES (up to 100%)	
Layer height**	0.05 - 0.30 mm	
Shell thickness**	0.40 - 2.70 mm	
Print speed**	40 - 150 mm/s	
Closed chamber	not necessary	
Dry box	not necessary	
Ruby or hardened nozzle	not necessary	

* settings are based on a 0,4 mm nozzle.

** depending on the geometrical complexity

Disclaimer

The product- and technical data provided in this datasheet is correct to the best of Spectrum Group Sp. z o.o. knowledge and are intended for reference and comparison purposes only. They should not be used for design specifications or quality control purposes. Actual values may vary according to printing conditions, model complexity, environmental conditions, etc. The user assumes all responsibility for the use of all information provided and shall verify quality and other properties or any consequence from the use of all such information. Typical values are indicative only and are not to be construed as being binding specifications. Spectrum Group Sp. z o.o. shall not be made liable for any damage, injury or loss induced from the use of Spectum Group Sp. z o.o. materials in any particular application.

DESCRIPTION

The Pastello PLA series are unique filaments that combine beautiful pastel colors with an elegant, matte surface. The filaments are reeled on ecological, cardboard spools, which not only makes them more environmentally friendly, but also reduces the carbon footprint. Additionally, Pastello PLA contains recycled material, making your projects a real contribution to protecting our planet.

FEAUTURES

- beautiful pastel shades
- unique matte print finish
- eco-friendly cardboard spool
- recycled content
- easy to print
- versatile applications

STORAGE AND SHELF LIFE

Filament should be stored in a dry room at room temperature. Recommended storage temperature is ca. 18-25°C (64.4 -77.0°F). Keep out of moisture, sunlight and direct heat. When stored properly, product has a shelf life of 24 months.



SUPPORT

If you have any questions or experience any issues, please do not hesitate to contact us at support@spectrumfilaments.com