

# Pastello PLA

## MATERIAL PROPERTIES

Density	1.30 g/cm <sup>3</sup>	D792
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### Mechanical properties

Tensile strength at Yield	38 MPa	D638
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Elongation at break	>10 %	D638
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Flexural Modulus	2350 MPa	D790
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Izod notched	50 J/m	D256
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### Thermal properties

Heat Deflection Temperature		
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1.8 Mpa	53°C	D648
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0.45 Mpa	59°C	D648
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## GUIDELINE FOR PRINT SETTINGS\*

Nozzle temperature	185 - 215°C
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Bed temperature	0 - 60°C
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Active cooling fan	YES (up to 100%)
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Layer height**	0.05 - 0.30 mm
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Shell thickness**	0.40 - 2.70 mm
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Print speed**	40 - 150 mm/s
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Closed chamber	not necessary
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Dry box	not necessary
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Ruby or hardened nozzle	not necessary
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\* settings are based on a 0,4 mm nozzle.

\*\* depending on the geometrical complexity

## DESCRIPTION

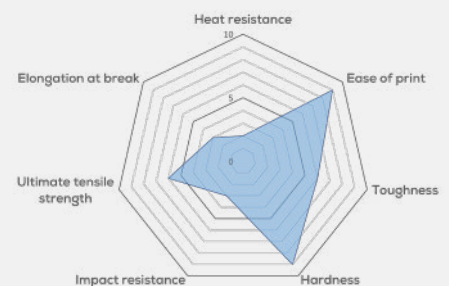
The Pastello PLA series are unique filaments that combine beautiful pastel colors with an elegant, matte surface. The filaments are reeled on ecological, cardboard spools, which not only makes them more environmentally friendly, but also reduces the carbon footprint. Additionally, Pastello PLA contains 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](mailto:support@spectrumfilaments.com)