TECHNICAL DATA SHEET

3D FILAMENT PLA Pastel
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PRODUCT NAME: 3D FILAMENT PLA Pastel 1,75mm

PRODUCT DESCRIPTION: PLA Pastel filament - poly(lactic acid) in the form of a thread, designed for 3D printing using the FFF/FDM method. Filament coiled on spools or cardboard core (no spool), vacuum-packed with desiccant in a PA/PE bag, and then in a box.

STORAGE: Store in dry area. Store in a closed container.

PRODUCT PARAMETERS

Parameter		**Value**	
Filament diameter [mm]		1,75	
Diameter tolerance [mm]		+/- 0,05	
Oval tolerance [mm]		+/- 0,02	
Net weight [g]	**350**	**1000**	**1000 (ReFill)**
Weight with packaging [g]	580	1400	1200
Spool weight [g]	Transparent PC: 150	ECO PP wood: 205 Masterspool ROSA3D: 250	Cardboard core: 30
Spool dimensions [mm] (ø / height / hole ø)	Transparent PC: 160/45/52	ECO PP wood: 200/70/52 Masterspool ROSA3D: 201,7/65/52	Cardboard core: 99/57/94
Box dimensions [mm]	175/164/46	220/210/75	220/210/65

RECOMMENDED PRINTING PARAMETERS

Parameter	**Value**
Print temperature [°C]	185-225
Bed temperature [°C]	40-60
Cooling [%]	50-100
Closed chamber	Not necessary
Drying conditions: [°C/h]	50/4

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PHYSICAL PARAMETERS OF THE MATERIAL

Parameter	Value	Unit	Test method
Density	1,24	g/cm^3	-

The values above have been measured using standard test specimens made of non-colored material at room temperature. The figures should be considered as indicative values only. Actual properties of PLA Pastel parts can be affected by the printing parameters, design of the model, ambient conditions, application of the printout etc. It is essential that users test our products to determine whether they are suitable for their intended use. ROSA PLAST Sp. z o.o. accepts no liability for any health detriment or material losses or any other losses related to the use of the material.

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