

**PRODUCT NAME:** 3D FILAMENT PLA Starter 1,75mm

**PRODUCT DESCRIPTION:** PLA Starter filament - poly(lactic acid) in the form of a thread, designed for 3D printing using the FFF/FDM method. Filament coiled on spools, vacuum-packed with desiccant in a PET/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]   | small spool: 500         |
|  | large spool: 3000        |
| Weight with packaging [g]                                  | small spool: 900         |
|  | large spool:             |
| Spool weight [g]   | small spool: 245         |
|  | large spool: 4000        |
| Spool dimensions [mm]<br>( $\phi$ / height / hole $\phi$ ) | small spool: 200/55/52   |
|  | large spool: 300/103/52  |
| Box dimensions [mm]  | small spool: 218/209/62  |
|  | large spool: 340/320/115 |

## RECOMMENDED PRINTING PARAMETERS

| Parameter              | Value   |
|------------------------|---------|
| Print temperature [°C] | 185-225 |
| Bed temperature [°C]   | 40-60   |

## PHYSICAL PARAMETERS OF THE MATERIAL

| Parameter                 | Value | Unit              | Test method |
|---------------------------|-------|-------------------|-------------|
| Density                   | 1,24  | g/cm <sup>3</sup> | -           |
| Tensile modulus           | 3495  | MPa               | ASTM D882   |
| Tensile strength at break | 53    | MPa               | ASTM D882   |
| Elongation at break       | 6     | %                 | ASTM D882   |
| HDT A                     | 55    | °C                | ASTM E2092  |
| Food Contact Approval     | YES   | -                 | -           |

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 Starter 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.



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [3D Printers and Accessories](#) category:*

*Click to view products by [ROSA 3D manufacturer](#):*

Other Similar products are found below :

[3DP-PLA-01-MTNB](#) [3DP-PLA1.75-01-P](#) [3DP-PLA1.75-01-GB](#) [3DP-PLA+1.75-02-W](#) [3DP-PETG1.75-01-R](#) [PLA 1,75 RACE GREEN](#) [3DP-PLA1.75-01-G](#) [3DP-HIPS1.75-01-R](#) [PETG 1,75 DARK STEEL](#) [3DP-ABS1.75-01-FY](#) [3DP-PLA1.75-01-Y](#) [3DP-TPE1.75-01-Y](#) [PETG 1,75 DARK STEEL SOLO 0,33](#) [3DP-PLA-01-MTBK](#) [3DP-PLA1.75-01-BR](#) [3DP-ABS1.75-01-G](#) [3DP-ABS1.75-01-FG](#) [3DP-PLA1.75GE-01-W](#) [3DP-ABS1.75-01-GR](#) [3DP-PLA+1.75-02-BK](#) [3DP-PLA+1.75-02-G](#) [3DP-PETG1.75-01-G](#) [3DP-PETG1.75-01-BK](#) [3DP-PETG1.75-01-GR](#) [3DP-PLA+1.75-02-Y](#) [3DP-PLA1.75-02-CARBON](#) [3DP-PVA-01-NAT](#) [PLA 1,75 FULL METALLIC](#) [3DP-PLA-01-MTO](#) [3DP-ABS1.75-01-S](#) [ASA 1,75 DARK GRAY](#) [3DP-PLA1.75-01-FR](#) [3DP-ABS1.75-01-BK](#) [3DP-PLA1.75-01-B](#) [3DP-ABS1.75-01-W](#) [PETG 1,75 LIGHT STEEL SOLO 0,33](#) [3DP-PLA1.75-01-W](#) [3DP-PETG1.75-01-Y](#) [3DP-PLA1.75-01-R](#) [3DP-PLA+1.75-02-O](#) [3DP-PLA-01-MTSG](#) [3DP-PLA-FL-01-BK](#) [3DP-PLA1.75GE-01-R](#) [3DP-PLA1.75-02-MAR](#) [3DP-PLA1.75-01-BK](#) [3DP-PETG1.75-01-B](#) [3DP-PLA1.75-01-NAT](#) [3DP-PLA-01-MTP](#) [3DP-PLA1.75-01-BS](#) [3DP-PLA+1.75-02-B](#)