

PLA filament

High wear resistance



Application:

Multec PLA is a high-quality standard filament with good printing properties such as low warping, simple handling and good post-processing options (bonding, grinding, painting). PLA offers high wear resistance. Ideal for sampling, display models, wear-resistant functional models such as dynamic elements, toothed belt drives, etc.

Execution:

- Thermoplastic
- made from 100% food-safe raw materials and dyes
- High mechanical strength
- Consistent colour fidelity
- Very high dimensional and roundness accuracy
- RoHS compliant
- Heated printing room not required

Advantage:

- Best printability, excellent print image, stable printing components
- Does not present a health risk during processing or as a printing component itself
- Uncomplicated processing, very good post-processing
- Fine manufacturing tolerances guarantee reproducible results
- Filament is subject to constant quality control for consistent high quality

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| Art. no. | 39911 242 |
| Brand | MULTEC |
| Manufacturer Part Number | 125-1006 |
| Diameter | 2.85 mm |
| Weight of filament | 1000 g |
| Colour | Grey Pantone 877 C |
| Density | 1.26 g/cm ³ |
| Tensile strength | 73 MPa |
| E module | 3350 MPa |
| Breaking elongation | 2.9 % |
| Impact strength | 2.7 kJ/m ² |
| Min./max. compressive temperature | 185 to 215 °C |
| Min./max. heater bed temperature | 0 to 60 °C |
| RoHS-compliant | Yes |
| Gross Weight | 1.400 kg |
| Product Group | 3FN |

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