

## 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



<b>Art. no.</b>	<b>39911 217</b>
<b>Brand</b>	MULTEC
<b>Manufacturer Part Number</b>	125-1005
<b>Diameter</b>	2.85 mm
<b>Weight of filament</b>	1000 g
<b>Colour</b>	Yellow Pantone 102 C
<b>Density</b>	1.26 g/cm <sup>3</sup>
<b>Tensile strength</b>	73 MPa
<b>E module</b>	3350 MPa
<b>Breaking elongation</b>	2.9 %
<b>Impact strength</b>	2.7 kJ/m <sup>2</sup>
<b>Min./max. compressive temperature</b>	185 to 215 °C
<b>Min./max. heater bed temperature</b>	0 to 60 °C
<b>RoHS-compliant</b>	Yes
<b>Gross Weight</b>	1.400 kg
<b>Product Group</b>	3FN

### EAN

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