

## PLA HT filament

Heavy-duty, resistant, high temperature resistance



### Application:

Multec PLA HT is a high-quality impact-resistant special filament with high temperature resistance, good printing properties such as low warping, simple handling and good post-processing options (bonding, grinding, painting). PLA HT offers a particularly uniform look and feel. Heavy-duty and resistant, PLA HT is suitable e.g. for components, functional models that require a high mechanical strength, for example for the production of deep drawing tools, etc.

### Execution:

- Thermoplastic
- made from 100% food-safe raw materials and dyes
- Very high mechanical strength
- Consistent colour fidelity
- Very high impact strength (50% higher than ABS)
- Excellent temperature resistance
- 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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| <b>Art. no.</b>                          | <b>39911 747</b>       |
| <b>Brand</b>                             | MULTEC                 |
| <b>Manufacturer Part Number</b>          | 182-3010               |
| <b>Diameter</b>                          | 2.85 mm                |
| <b>Weight of filament</b>                | 3000 g                 |
| <b>Colour</b>                            | Black                  |
| <b>Density</b>                           | 1.26 g/cm <sup>3</sup> |
| <b>Tensile strength</b>                  | 39 MPa                 |
| <b>E module</b>                          | 3800 MPa               |
| <b>Breaking elongation</b>               | 1.3 %                  |
| <b>Impact strength</b>                   | 23 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>                      | 4.330 kg               |
| <b>Product Group</b>                     | 3FN                    |

### EAN

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