

## PETG filament

High light transmission



### Application:

Multec PETG is a high-quality special filament with good printing properties such as low warping, simple handling and good post-processing options (bonding, grinding, painting). PETG offers high notch impact strength and high temperature resistance. Also due to its high light transmission and low flammability, this thermoplastic is ideal for industrial applications, e.g. for functional models, components with optical properties, etc.

### Execution:

- Thermoplastic
- made from 100% food-safe raw materials and dyes
- Very high mechanical strength
- Consistent colour fidelity
- High notch impact strength
- High light transmission
- RoHS compliant
- Heated printing room not required
- Flame retardant

### 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 842</b>
<b>Brand</b>	MULTEC
<b>Manufacturer Part Number</b>	192-1007
<b>Diameter</b>	2.85 mm
<b>Weight of filament</b>	1000 g
<b>Colour</b>	Orange, Translucent
<b>Density</b>	1.27 g/cm <sup>3</sup>
<b>Tensile strength</b>	52 MPa
<b>E module</b>	1900 MPa
<b>Breaking elongation</b>	4.5 %
<b>Impact strength</b>	10 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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