



THE **LARGE-SCALE** FFF 3D-PRINTER  
FOR **PROFESSIONAL AND INDUSTRIAL** USE.

### **BigRep Filament – PRO HT**

The material complies with the compositional requirements of the European Regulation on Plastic Food Contact Materials and with the requirements of LFGB.

## **1. Properties**

<b>1.1 Filament Net Weight:</b>	<b>0.75 / 2.5 / 4.5 / 8.0 Kg</b>
<b>1.2 Material:</b>	<b>BioPolymer</b>
<b>1.3 Density:</b>	<b>1.3 g/cm<sup>3</sup></b>
<b>1.4 Diameter:</b>	<b>1.75 / 2.85 mm</b>
<b>1.5 Print Temperature Guideline:</b>	<b>195 - 205 °C</b>
<b>1.6 Heating Bed:</b>	<b>55 – 60 °C</b>
<b>1.7 VST</b> (ISO 306 VST A 120):	<b>115 °C</b>
<b>1.8 Tensile Strength</b> (ISO 527):	<b>44 MPa</b>
<b>1.9 Impact Strength</b> (ISO 179):	<b>216 KJ/m<sup>2</sup></b>
<b>1.10 Flexural Modulus</b> (ISO 178):	<b>2600 MPa</b>

Store at around room temperature and protect from direct heat or sunlight. Keep sealed in an air tight container, away from humidity.

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