

# ECOtech

Excellent flexural strength, low warping and excellent surface quality. Perfect for high-performance applications while respecting the environment



## Material properties

<b>Density</b>	ISO 1183	<b>1,35</b>	g/cm <sup>3</sup>
<b>Suitability for food contact</b>		<b>YES</b>	
<b>Tensile strength</b>	ISO 527	<b>58</b>	MPa
<b>Elongation at break</b>	ISO 527	<b>2,8</b>	%
<b>Elastic modulus</b>	ASTM D638	<b>4300</b>	MPa
<b>Resilience</b>	ISO 179	<b>4</b>	kJ/m <sup>2</sup>
<b>HDT 0.45 MPa</b>	ISO 75	<b>115</b>	°C
<b>Vicat softening temperature</b>	ISO 306	<b>160</b>	°C
<b>Melting temperature</b>	ISO 3146-C	<b>180-200</b>	°C

### Printing layer height

0,15 mm (0,006 in)

### Maximum dimensions

250x250x250 mm (9.8x9.8x9.8 in)

### Infill

30%

### Shell thickness

1,8 mm (0,07 in)

### Tolerances

± 0,60mm < 100mm / ±0,75% > 100mm

### Applications

It stands out for its versatility, finding use in a variety of areas: from the manufacture of lightweight automotive components that improve fuel efficiency, to the creation of safe and FDA-approved food packaging, through the production of consumer durables such as electronics and toys, to the production of precise and reliable medical devices and environmentally friendly biodegradable products.

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