

## PCTG CF

Nobufile PCTG CF is a sustainable 10% carbon fiber reinforced PCTG made from recycled industrial waste sourced in Europe. We took great care to create a consistent high-quality material for you to enjoy. This material is suitable to print technical parts using FDM technology.

### Material properties

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Properties	FDM H	Injection		Method
Tensile strength	39	60	MPa	ISO 527
Elongation at break	9	7	%	ISO 527
Flexural strength		62	MPa	ISO 178
Flexural modulus		3100	MPa	ISO 178
Izod Impact strength notched	0,7	1,3	kJ/m <sup>2</sup>	ISO 180
Izod Impact strength unnotched	26	33	kJ/m <sup>2</sup>	ISO 180
HDT A	72		°C	ISO 75
Density		1,28	g/cm <sup>3</sup>	ISO 1183

### Print settings

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Print temperature	265°C ± 10
Bed temp	85°C ± 10
Printing Surface	textured PEI sheet
Fan Speed	20-50%
Nozzle	hardened

### Storage and drying

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Store between 18 to 25 °C in a dry area away from sunlight. Keep sealed in an airtight container away from humidity. Pre-dry material for 3-6 hours at 60 - 70°C (max.).

### Carbon footprint

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This product is made from recycled plastic – approx. 60% of CO<sub>2</sub> equivalents can be saved compared to raw materials from primary production.

### Disclaimer

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Although accurate, the data provided is not binding and do not constitute a formal warranty. It is supplied as a guide for costumers regarding the correct use of product.