

PETG CF

Nobufile PETG CF is a sustainable 10% carbon fiber reinforced PETG 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

Properties	FDM H	Injection		Method
Tensile strength	55	59	MPa	ISO 527
Elongation at break	11,6	17,3	%	ISO 527
Flexural strength		81	MPa	ISO 178
Flexural modulus		3300	MPa	ISO 178
Izod Impact strength notched	2	2,2	kJ/m ²	ISO 180
Izod Impact strength unnotched	23	74	kJ/m ²	ISO 180
HDT A		93	°C	ISO 75
Density		1,34	g/cm ³	ISO 1183

Print settings

Print temperature	255°C ± 10
Bed temp	80°C ± 10
Printing Surface	textured PEI sheet
Fan Speed	20-50%
Nozzle	hardened

Storage and drying

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

This product is made from recycled plastic – approx. 60% of CO₂ equivalents can be saved compared to raw materials from primary production.

Disclaimer

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.