CREALITY

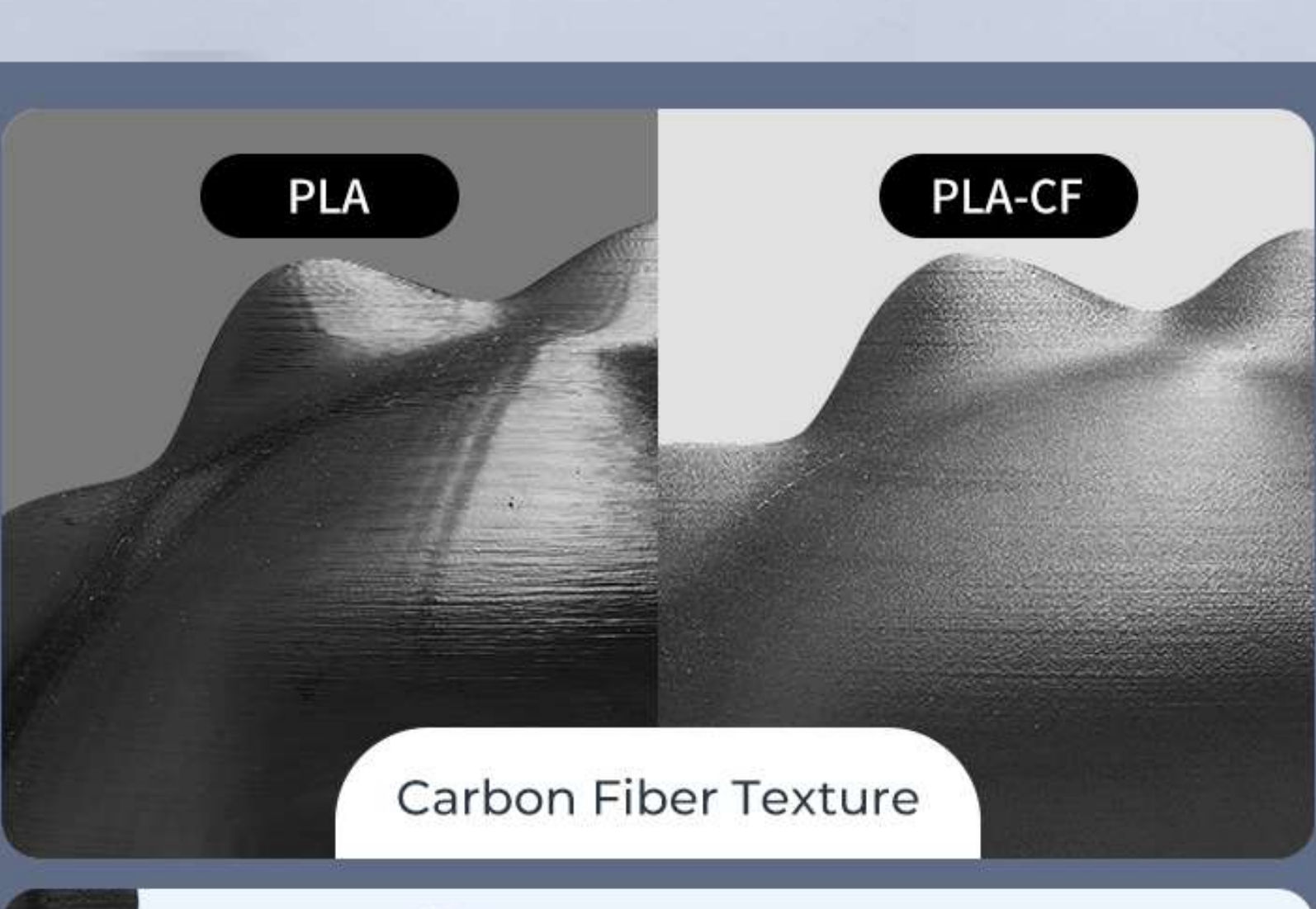
Hyper PLA-CF

High strength and layer adhesion

Matte Finish

Minimal Layer Texture

Print Speed up to 300mm/s



Carbon Fiber Texture

PLA-CF Matte Finish

Minimal Layer Lines

More Powerful Physical and Mechanical Properties

Perfect balance of strength, adhension and speed Creality PLA-CF possesses 30% higher mechanical properties than PLA in terms of flexural strength, flexural modulus, and impact strength.

Mechanical Properties Comparison

Performance comparison	PLA	Hyper PLA-CF
ToughnessImpact strength - XY	7kJ/m2	4.1 kJ/m²
strengthBending Strength - XY	69MPa	103 MPa
StiffnessBending Modulus - XY	2694 MPa	3552 Mpa
Saturated WaterAbsorption Rate25C,55% RH	61.5 °C	55 °C
Print Speed	<100mm\s	<300mm\s

Creative breakthroughs enable the design and implementation of complex structures to be easily realized.

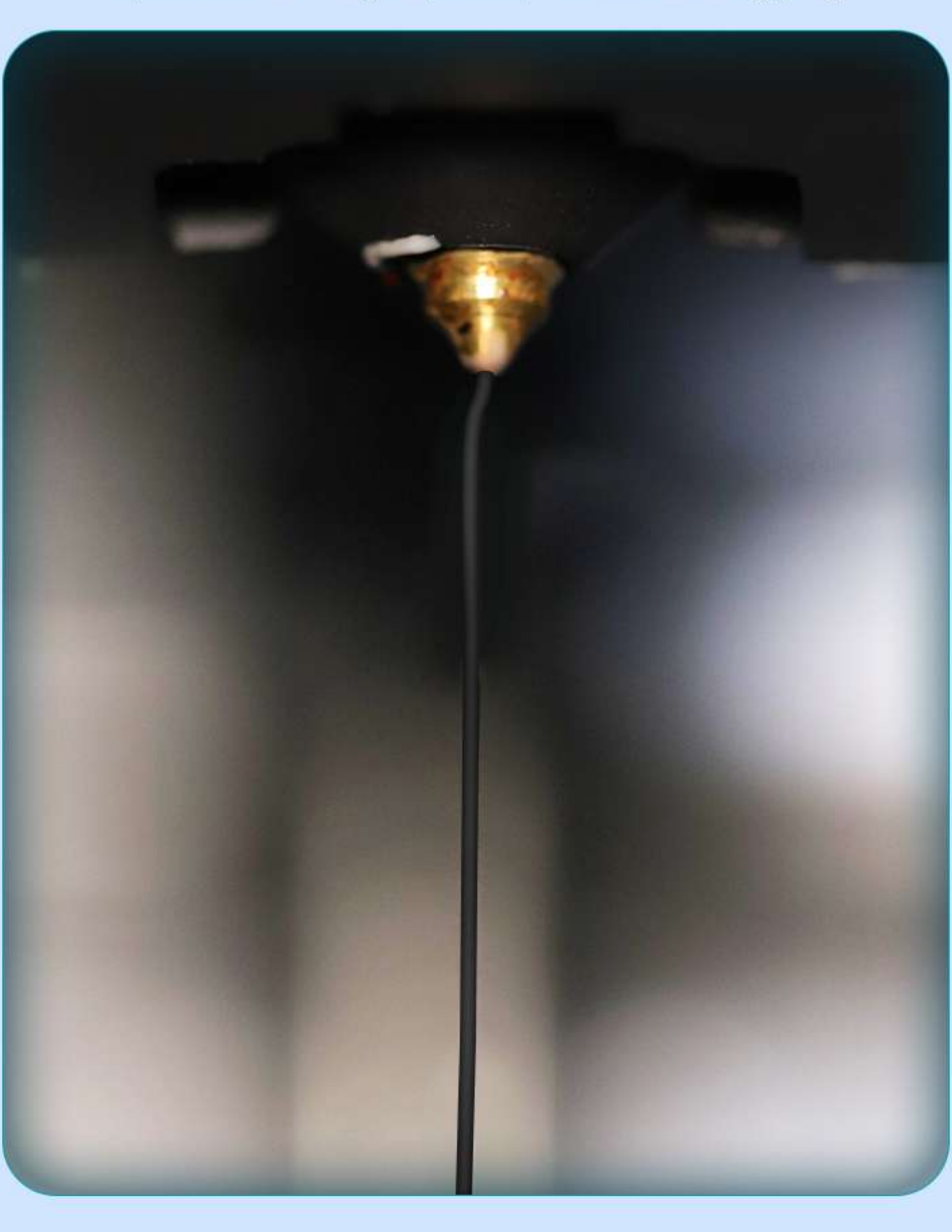
Hyper PLA-CF features low shrinkage and warping resistance to achieve a perfect matching accuracy between prints parts.

Minimal Effort in Support Removal

PLA-CF is engineered to be self-supporting. Its removal is notably simpler than standard PLA, while still preserving a sleek support surface.

High-speed Printing Without Clogging

Printing with Creality PLA-CF is as effortless as with ordinary PLA. It offers a smooth and consistent printing experience at high speeds, free from clogging.



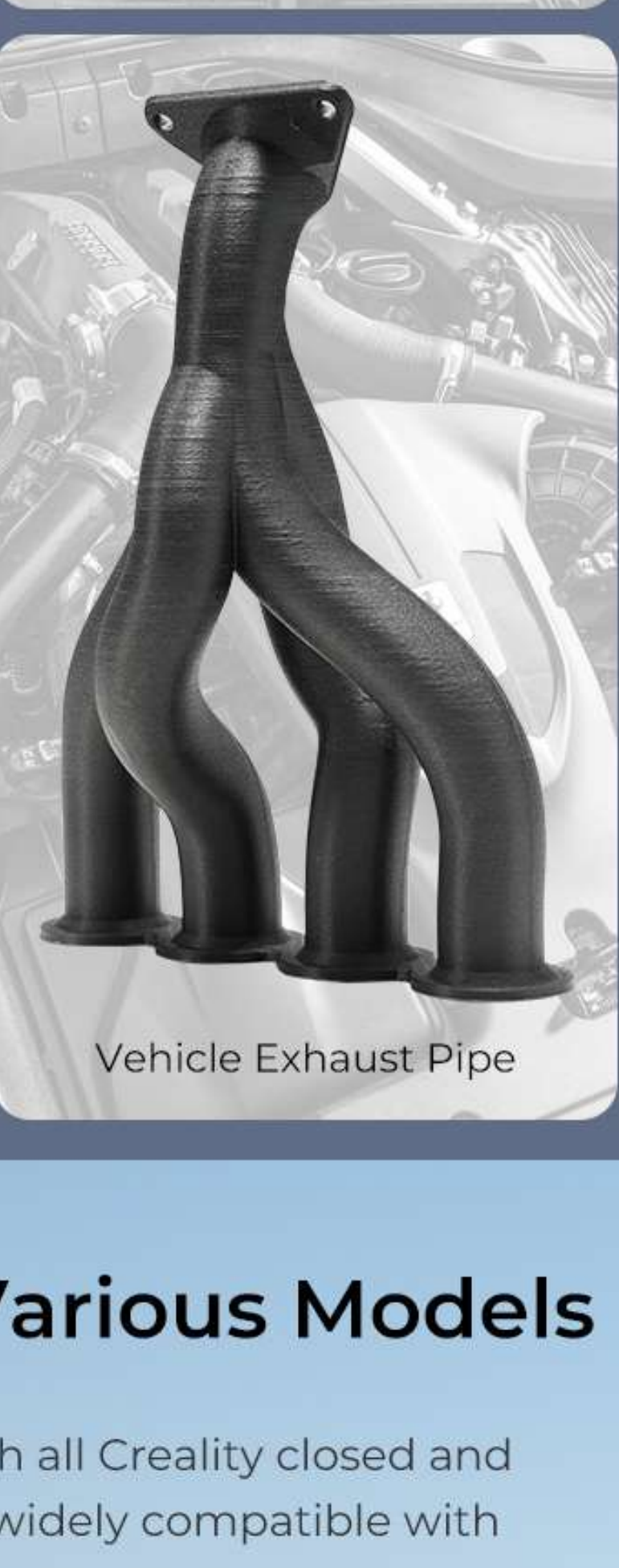
Printed Model Display

PLA CF, with high strength and light weight, is suitable for structural parts in more complicated working conditions, such as unmanned aerial vehicles, aircraft models, joints, drives, etc.

AE86 Air Horn

Train Connector

Pipe Fittings with Sockets



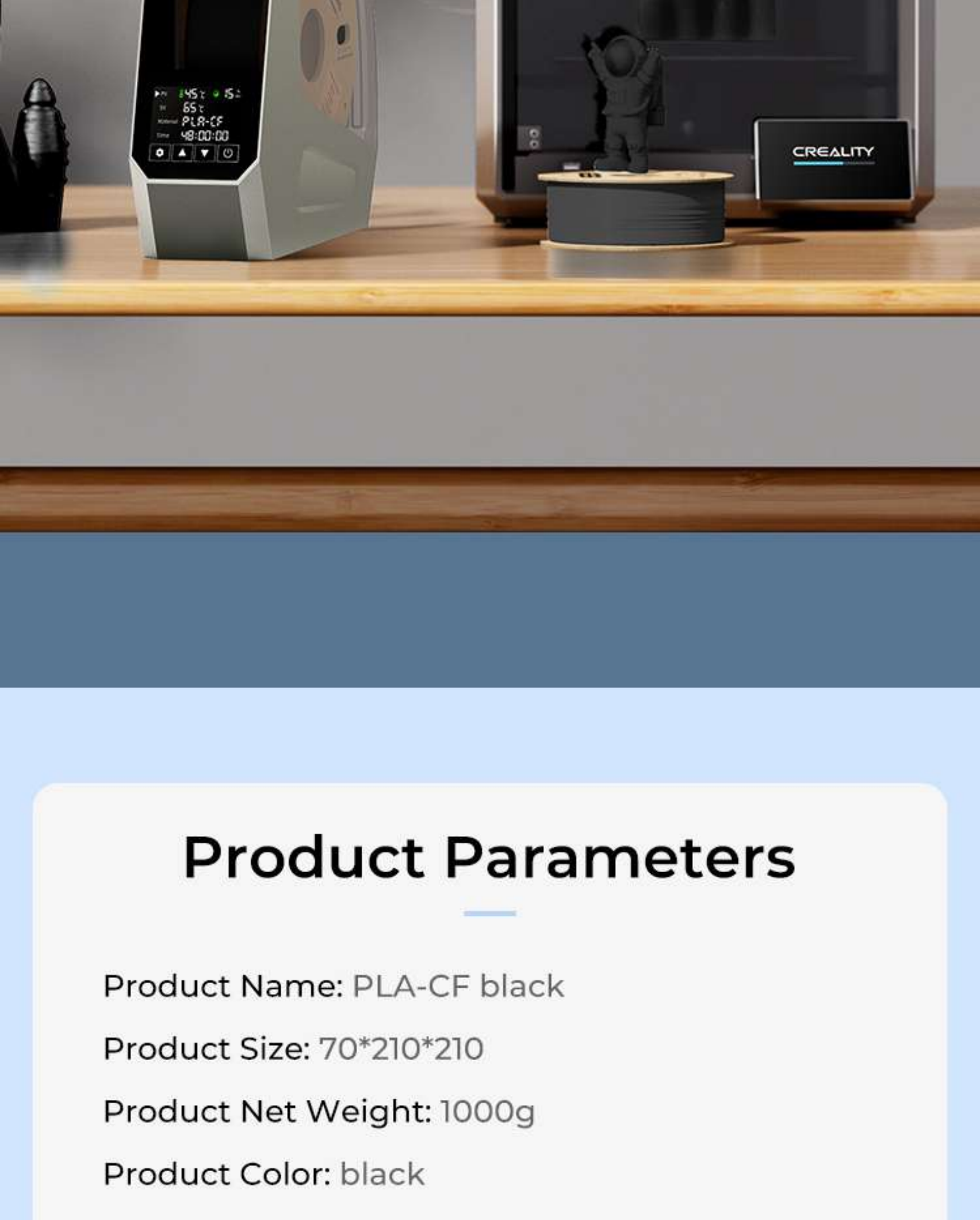
Vehicle Exhaust Pipe

Applicable to Various Models

PLA-CF is compatible with all Creality closed and open 3D printers, and is widely compatible with most printers on the market.

Printing Tips

Drying PLA-CF is optional, but recommended to dry out before use to get higher printing quality and the recommended drying condition is 55 ℃ for 8 hours in a blast drying oven, or 75 ℃ for 12 hours on a printer's heatbed.



Product Parameters

Product Name: PLA-CF black
Product Size: 70*210*210
Product Net Weight: 1000g
Product Color: black
Filament Diameter: 1.75mm±0.03
Recommended Printing Temperature: 190-230℃
Recommended Heat Bed Temperature: 45℃
Recommended Printing Speed: 50-300mm/s

What's in the Box

Filament with Spool*1 & Desiccant*1/Package*1
Filament Label*1