



# ASA Carbon Fiber

## Technical Data Sheet

Properties	Method	Units	Test Condition	Value
Physical Properties				
Density	ISO 1183	g/cm <sup>3</sup>	N/A	1.06
Melt Flow Point	ISO 1183	g/10min	N/A	30
Melt Point	ISO 1183	°C	N/A	230
Mechanical Properties				
Tensile Strength	ISO 527	MPa	23°C	45
Tensile Modulus	ISO 527	GPa	N/A	2200
Flexural Strength	ISO 178	Mpa	N/A	41
Tensile Elongation	ISO 178	%	N/A	5

## Information

ASA Carbon Fiber blend is a great combination of two materials. The durability provided by the added carbon fiber fibers means that the resulting products can be used in a wide variety of applications

For best results, dry filament using a filament drier before use, and keep in an airtight container for storage.

A hardened nozzle must be used, as the resulting material is abrasive and will destroy standard brass nozzles.

Material	ASA Carbon Fiber
Material Diameter	1.75mm ± 0.04mm
Hotend Temp	240 - 270°C
Bed Temp	90-120°C