



- Perform ABS is an Acrylonitrile Butadiene Styrene filament designed to work on FFF printers.
- Perform ABS features high durability, limited warpage and a great surface finish.

Typical Properties

Property	Test Method	Unit	Typ. Value
Nominal Diameter	-	mm	1.75 / 2.85
Density	ISO 1183	gr/cm ³	1.04
Tensile Modulus	ISO 527	MPa	1900
Tensile Strength	ISO 527	MPa	38
N. Charpy Impact	ISO 179	KJ/m ²	22
Elongation	ISO 527	%	5%

* The above are typical properties for a printed specimen

Recommended Settings

Parameter	Unit	Set Value
Nozzle Temp.	°C	250±10
Plate Temp.	°C	≥90
Cooling	-	Low/Off
Print Speed	mm/sec	Medium
Retraction (Bowden)	mm	>6
Retraction (Direct)	mm	3±0.5

- It's recommended to use Perform ABS with an enclosed printer and in a well-ventilated area.