



- Perform✓U70 is an extremely soft flexible thermoplastic Polyurethane performance filament designed to work on FFF printers.
- Perform✓U70 shows excellent chemical resistance and durability while maintaining flexibility over a wide range of temperatures.

Typical Properties

Property	Test Method	Unit	Typ. Value
Nominal Diameter	-	mm	1.75 / 2.85
Shore Hardness	ISO 7619	Shore A	70
Density	ISO 1183	gr/cm3	1.06
Tensile Strength	DIN 53504	MPa	26.8
Elongation	DIN 53504	%	794

* The above are typical properties for a printed specimen

Recommended Settings

Parameter	Unit	Set Value
Nozzle Temp.	°C	235-255
Plate Temp.	°C	40
Cooling	-	On
Print Speed	mm/sec	15-25
Retraction (Bowden)*	mm	>2
Retraction (Direct)*	mm	1.5±0.5
Drying	C	80, 3

* For flexible materials it's recommended to use as low retraction as model permits

- Perform✓U70 adheres well when using glue stick on a heated glass plate.
- For flexible materials such as Perform✓U70 it's recommended to use a 0.8mm nozzle or larger.