



PolyFlex™ TPU90

SKU: PM70832

PolyFlex™ is a family of high-quality flexible materials. It provides the perfect solution for applications where high flexibility and durability are required.

PolyFlex™ □ TPU90, created from Covestro's Addigy® □ family, is a thermoplastic polyurethane (TPU) based filament designed to provide great flexibility without compromising on printing speed. It also has the ability to resist ultra-violet (UV) light or sunlight.

Colour-Black, White, Grey, Teal

Diameter size-1.75mm, 2.85mm

Net weight-750g

PRINT SETTINGS

Nozzle Temperature:

210°C – 230°C

Printing Speed:

30mm/s – 60mm/s

Bed Temperature:

25°C – 60°C

Bed Surface:

Glass, BuilTak®

Cooling Fan:

ON

MECHANICAL PROPERTIES

100% Modulus:

6.17 ± 0.19 Mpa

Tensile Strength:

30.0 ± 0.66 Mpa

Elongation at Break:

586.8 ± 15.3(%)

Shore Hardness:

90A

NOTES

Drying Settings:

70°C for 8h
