

TPE70A

TPE70A is a custom formulated blend of thermoplastic elastomer which results in an incredibly resistant, flexible 3D printing material with a shore hardness of 70A. Produced with industry in mind, it's ideal for printing automotive parts, industrial tooling, flexible seals and medical training tools that need to be able to flex and bend without breaking.

TPEFilament

PRINTING PARAMETERS

Printer Type:	Cartesian / Delta
Extruder Type:	Direct Drive/Bowden Tube
Layer Height:	0.05mm - 0.3mm
Fill Density:	0 - 100%
Shell Thickness:	>0.4mm
Print Speed:	15-50 mm/s
Printing Temperature:	210°C
Build Bed Temperature:	0 - 50°C
Retraction Speed:	20 - 50 mm/s
Retraction Distance:	3 - 10 mm
Cooling Fan:	Yes

TPEFilament

MATERIAL DATA SHEET

Diameter: 1.75 mm / 2.85mm

Diameter Tolerance: ± 0.03 mm

Specific Gravity: 0.95g/cm³ @ 25C

Elongation at Break: >500%

Glass Transition Temp -60°C

Surface Finish: Glossy

Transparency Opaque

Shore Hardness 70A

The data represented is intended as a general guide and results may differ