

TPE-SEBS 1300 85A Filament

Recommended Print Settings



Print Temperature

The optimal printing range is 240° – 250°C



Bed Temperature

A bed temperature of 70°C will provide the best adhesion during printing.



Printing Speed

Base printing speed of 25 mm/s
 Infill speed of 25-30 mm/s
 Wall speed of 25-30 mm/s
 Initial Layer speed of 10 mm/s



Cooling

For best results do not use a cooling fan while printing with TPE-SEBS.



Bed Adhesion

Use a brim when printing on clean glass. When using a PEI sheet, use a skirt on a clean plate. There is no need for any additional adhesion methods.



Other Tips

- For best results, print TPE-SEBS 85A on a direct-drive printer. If attempting to print on a Bowden-style printer, using a PTFE or fluoropolymer-lined Bowden tube will increase success.
- If the material starts to short feed or bind up in the extruder, turn down the feeder wheel tension. It is recommended to start with as little tension as possible.

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JABIL

TPE SEBS 85A is a soft material great for prototyping where rubber-like or elastomeric properties and durability are required. TPE SEBS properties are similar to rubber and other thermoplastic elastomers, including being soft to the touch while maintaining a strong and flexible durability.

Applications

- Automotive, aerospace, general manufacturing
- Complex geometries
- Parts that need to dampen vibrations
- Products that need to retain flexible properties under weather or heat exposure

Examples include:

- Seals
- Gaskets
- No skid / no mark feet
- No slip mats for auto interiors
- Soft touch grip for power tools

Advantages

- Easier to print than TPU filaments
- Shore 85A elastomer
- High flexibility, bend and stretch (can stretch over 500%)
- Low moisture absorption
- Less visible layer lines
- Does not require drying to process

Works on all open platform direct-drive 3D printers (including desktop with PTFE Bowden tubes)

Diameters

2.85mm



jabil.com/filaments

Questions? Contact us:
JabilAdditive@jabil.com



Learn More About
TPE-SEBS 1300 85A

For the latest print profiles, search for Jabil Engineered Materials in the Cura Marketplace.