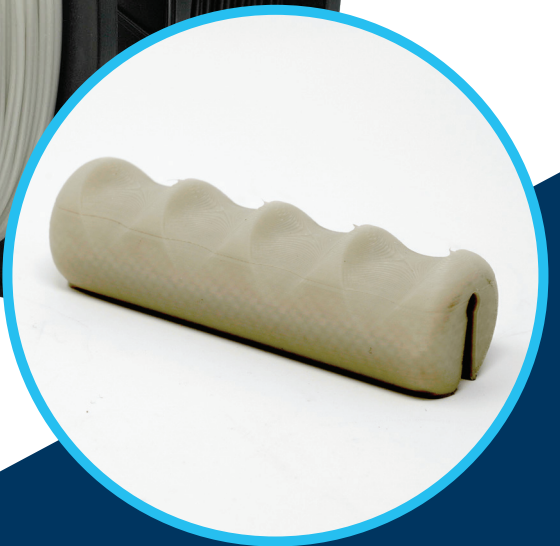


TPE SEBS 1300 95A

Overview

TPE SEBS 1300 95A 3D printing filament is a Shore 95A elastomer that does not require drying to process and has excellent bed adhesion. It also enables printing ease. TPE SEBS 1300 95A has better elasticity for applications that require flexibility and durability with the added benefit of excellent processability and no required drying. TPE SEBS 1300 95A is slightly firmer than the 85A product to meet application requirements that call for flexibility but also need more rigidity to achieve the finished part performance. TPE SEBS 1300 95A works on all open-platform desktop printers and can be ran on direct drive configurations.



Applications:

- Automotive interior trim components
- Packaging closures
- Covers and housings
- Grips
- No slip feet for electronic and mechanical components
- Gap seals

Advantages:

- No drying required
- High flexibility
- Less visible layer lines
- Very low warpage and curl
- Higher success print rate

Scan for more information:



TPE SEBS 1300 95A



Print Temperature

The optimal printing range is 230°C to 270°C.



Bed Temperature

A bed temperature of 50°C to 70°C will provide the best adhesion during printing.



Printing Speed

Base printing speed of 25 mm/s
Infill speed of 15-25 mm/s
Wall speed of 15-25 mm/s
Initial layer speed of 15-25 mm/s



Cooling

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



Bed Adhesion

Use a brim while printing on clean glass or a PEI sheet. No glue or extra adhesion method is necessary.



Colors Available

Natural & Black



Diameters Available

1.75mm & 2.85mm

Scan to get
print profiles:



Mechanical Properties¹

	Test Condition	Typical Value	Method
Tensile Modulus (MPa)	XY coupons, Ambient	93	ASTM D638, Type IV
Tensile Elongation at Break (%)		780	
Ultimate Tensile Strength (MPa)		11	
Compression Set (%)	XY coupons, Ambient	43.8	ASTM D395
Tear Strength (N/mm)	XY coupons, Ambient	97	ASTM D624
Durometer (Shore A)	Molded, Ambient	95	ASTM D2240

1. Testing conducted on printed coupons using Jabil's published print profiles. Typical values are for reference only.

Thermal Properties

	Test Condition	Typical Value	Method
Melt Temperature (°C)	20°C/min ramp	165	DSC

Other Physical Properties

	Test Condition	Typical Value	Method
Density (g/cm ³)	Ambient	1.053	ASTM D792