TPE-SEBS 1300 95A Filament

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 processing 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 run on Bowden Tube or direct drive configurations.

TPE-SEBS 1300 95A can be used for parts that need elastomeric properties

in printing complex geomex gYMFYWZXJTZMSJXXFIXWNQSRQXTRNGQYFIKNLZ

For additional information, visit **jabil.com/services/additive-manufacturing/engineered-materials**

PROPERTIES

MECHANICAL PROPERTIES[1]

	Test Condition	Typical Value	Method
Tensile Modulus (MPa)	XY coupons, Ambient	93	ASTM D638, Type IV
Tensile Elongation at Break (%)	XY coupons, Ambient	780	ASTM D638, Type IV
Ultimate Tensile Strength (MPa)	XY coupons, Ambient	11	ASTM D638, Type IV
Compression Set (%)	XY coupons, Ambient	43.8	ASTM D395
Tear Strength (N/mm)	XY coupons, Ambient	97	ASTM D624
Durometer (Shore A)	Injection Molded	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/cm3)	Ambient	1.053	ASTM D792

DIMENSIONAL PROPERTIES

	Test Condition	Typical Value	Method
Diameter: Mean, Indiv. Axis (mm)	In-line, 100% inspection	1.75 or 2.85	Laser Micrometer