



# LOTACTREE

## Engineering Plastics

**Produce name:** TPU 95A

**Application:** FDM

**Printing temperature:** 220-240°C

**Bed temperature:** 30-50°C

**Reference test machine:** Bambu Lab series models, 【Generic TPU】 parameter default, PEI texture board;

Performance	Test Condition	Standards	Unit	Values
Density	//	D792	g/cm <sup>3</sup>	1.22
MFI	220°C/2.16kg	GB/T3682	g/10min	15
Melting point	//	ASTM D648	°C	50
Vicat softening point	//	GB/T1633	°C	//
Tensile Strength	50mm/min	IOS 527	MPa	//
Elongation at break	50mm/min	ASTM D648	%	580
Bending strength	2mm/min	IOS 178	MPa	70
Flexural Modulus	2mm/min	IOS 178	GPa	2.4
Impact strength	//	IOS 180	kJ/M <sup>2</sup>	34.4

Legal Disclaimer: The information presented above is derived from general insights and recommendations concerning Lotactree's products and their applications, as provided by the Lotactree laboratory. It should not be construed as a guarantee describing the product characteristics or as evidence of its suitability for specific fields. Lotactree retains the patent rights for this product, and all details regarding its characteristics, performance, usage, and technical parameters fall under intellectual property protection. Unauthorized reproduction or imitation by any unit or individual is strictly prohibited. Customers are encouraged to perform selective testing based on their unique requirements, and we warmly welcome customers to engage in detailed discussions with us.

**Lotactree**

**Address: Rua da Mina 644 4410-269 Canelas VNG, Portugal**