



# LOTACTREE

## Engineering Plastics

**Produce name:** PA6

**Application:** FDM

**Printing temperature:** 245-260°C

**Bed temperature:** 90-100°C

**Reference test machine:** Bambu Lab series models, 【Generic PA6】 parameter default, PEI texture board, printing temperature 245°C, hot bed temperature 95°C;

Performance	Test Condition	Standards	Unit	Values
Density	//	D792	g/cm <sup>3</sup>	1.1
MFI	220°C/5kg	GB/T3682	g/10min	5
Melting point	0.45mpa/0.341	GB/T1634	°C	87
Vicat softening point	//	GB/T1633	°C	//
Tensile Strength	50mm/min	ISO 527	MPa	49
Elongation at break	50mm/min	ISO 527	%	20
Bending strength	2mm/min	ISO 178	MPa	73
Flexural Modulus	2mm/min	ISO 178	GPa	2.5
Impact strength	4mm/23°C	IOS 180	kJ/M <sup>2</sup>	15

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