



LOTACTREE

Engineering Plastics

Produce name: ABS

Application: FDM

Printing temperature: 235-260°C

Bed temperature: 90-100°C

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

Performance	Test Condition	Standards	Unit	Values
Density	//	D792	g/cm 3	1.04
MFI	220°C/5kg	GB/T3682	g/10min	4
Melting point	0.45mpa/0.341	GB/T1634	°C	85
Vicat softening point	//	GB/T1633	°C	//
Tensile Strength	50mm/min	ISO 527	MPa	46
Elongation at break	50mm/min	ISO 527	%	20
Bending strength	2mm/min	ISO 178	MPa	71
Flexural Modulus	2mm/min	ISO 178	GPa	2.4
Impact strength	4mm/23°C	ISO 180	kJ/M2	15

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