



LOTACTREE

Engineering Plastics

Produce name: PC

Application: FDM

Printing temperature: 260-280°C

Bed temperature: 100-120°C

Reference test machine: Bambu Lab series models, **【Generic PC】** parameter default, PEI texture board, printing temperature 270°C, hot bed temperature 100°C;

Performance	Test Condition	Standards	Unit	Values
Density	//	D792	g/cm ³	1.18
MFI	260°C/2.16kg	GB/T3682	g/10min	10
Melting point	0.45mpa/0.341	GB/T1634	°C	95
Vicat softening point	//	GB/T1633	°C	//
Tensile Strength	50mm/min	ISO 527	MPa	//
Elongation at break	50mm/min	ISO 527	%	//
Bending strength	2mm/min	ISO 178	MPa	71
Flexural Modulus	2mm/min	ISO 178	GPa	2.4
Impact strength	4mm/23°C	IOS 180	kJ/M ²	//

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