



LOTACTREE

Engineering Plastics

Produce name: ABS/ASA

Application: FDM

Printing temperature: 215-235°C

Bed temperature: 55-65°C

Reference test machine: Bambu Lab series models, 【Generic ABS】 parameter default, PEI texture board, printing temperature 220°C, hot bed temperature 60°C;

Note: Some of the printing effect is not good, you can replace the 【Generic PLA】 parameter default;

Performance	Test Condition	Standards	Unit	Values
Density	23°C	ISO 1183	g/cm ³	1.07
MFI	220°C/2.16kg	GB/T3682	g/10min	21.4
Melting point	0.45mpa/0.341	GB/T1634	°C	54
Vicat softening point	//	GB/T1633	°C	//
Tensile Strength	44.2/44.6/45	GB/T1040	MPa	44.6
Elongation at break	24.9/26.7/21	20mm/min	%	24.2
Bending strength	2mm/min	IOS 178	MPa	70
Flexural Modulus	2mm/min	IOS 178	GPa	2.4
Impact strength	15.5/15.7/15.9/14.6/15.4	GB/T1040	kJ/M ²	15.4

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