



LOTACTREE

Engineering Plastics

Product name: PLA-F

Application: FDM

Printing temperature: 210-230°C

Bed temperature: 0-60°C

Reference test temperature: **【Generic PLA】** Parameter default, printing temperature 220°C, hot bed temperature 55°C.

*Strongly recommended open-environment printing.

Performance	Test Condition	Standards	Unit	Values
MFR	220°C/2.16kg	GB/T3682	g/10min	21.4
HDT	0.45mpa/0.341mm	GB/T1634	°C	54
Density	23°C	ISO 1183	g/cm ³	1.07
Rockwell Hardness	//	ASTM D785	HRR	105
Bending strength	2mm/min	ISO 178	MPa	70
Flexural Modulus	2mm/min	ISO 178	GPa	2.4
Tensile Strength	44.2/44.6/45	GB/T1040	MPa	44.6
Elongation at break	24.9/26.7/21	20mm/min	%	24.2
Impact strength	15.5/15.7/15.9/14.6/15.4	GB/T1040	kJ/m ²	15.4

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