



LOTACTREE

Engineering Plastics

Produce name: ASA

Application: FDM

Printing temperature: 235-260°C

Bed temperature: 90-100°C

Reference test temperature: 【Generic ASA】 parameter default, printing temperature 245°C, hot bed temperature 100°C.

Performance	Test Condition	Standards	Unit	Values
MFR	220°C/5kg	GB/T3682	g/10min	4
HDT	0.45mpa/0.341mm	GB/T1634	°C	85
Density	//	D792	g/cm ³	1.04
Rockwell Hardness	//	ASTM D785	HRR	105
Bending strength	2mm/min	IOS 178	MPa	71
Flexural Modulus	2mm/min	IOS 178	GPa	2.4
Tensile Strength	50mm/min	IOS 527	MPa	46
Elongation at break	50mm/min	IOS 527	%	20
Impact strength	4mm/23°C	IOS 180	kJ/m ²	15

Legal Disclaimer: The information presented above is derived from general insights and recommendations concerning Lotactree's products and their applications, as provided by the Lotactree laboratory. It should not be construed as a guarantee describing the product characteristics or as evidence of its suitability for specific fields. Lotactree retains the patent rights for this product, and all details regarding its characteristics, performance, usage, and technical parameters fall under intellectual property protection. Unauthorized reproduction or imitation by any unit or individual is strictly prohibited. Customers are encouraged to perform selective testing based on their unique requirements, and we warmly welcome customers to engage in detailed discussions with us.

Lotactree

Address: Rua da Mina 644 4410-269 Canelas VNG, Portugal