



# LOTACTREE

## Engineering Plastics

**Produce name:** PLA F

**Application:** FDM

**Printing temperature:** 215°-235°C

**Bed temperature:** 55°-65°C

Performance	Test Condition	Standards	Unit	Values
Density	//	GB/T1033	g/cm 3	1.062
MFI	250°C/2.16Kg	GB/T3682	g/10min	21.4
Melting point	0.45mpa/0.341	GB/T1634	°C	60
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	//	GB/T9341	MPa	//
Flexural Modulus	//	2mm/min	MPa	//
Impact strength	15.5/15.7/15.9/14.6/15.4	GB/T1040	kJ/M2	15.4

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**