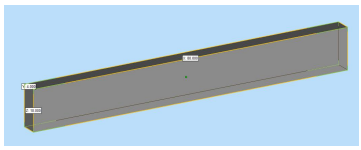
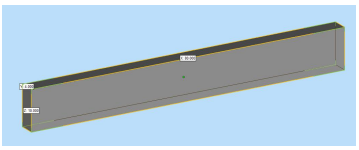
Filament Data Sheet

ASA-CF

Revision Date:02/02/2026
Application: FDM
Version：01

RECOMMENDED PRINTING CONDITIONS	
Nozzle Temperature	250-270°C
Bed Temperature	90-120°C
Closure Chamber	Recommended close printing
Drying Setting	70°C for 8H

FLEXURAL TESTING SPECIMEN	TENSILE TESTING SPECIMEN	IMPACT TESTING SPECIMEN
ISO 178/T 9341	ISO 527,GB/T 1040	ISO 180,GB/T1043
		

PHYSICAL PROPERTIES				
Performance	**Condition**	**Starndards**	**Unit**	**Values**
Density	25°C	ISO 1183	g/cm³	1.038
Melt Flow Rate	260°C/2.16kg	ISO 1133	g/10min	7.86

MECHANICAL PROPERTIES				
Performance	Condition	Starndards	Unit	Values
TensileStrength （X-Y）	10*4mm sample	ISO 527-2	MPa	40.9
TensileStrength （Z）	10*4mm sample	ISO 527-2	MPa	12.38
Elongation at break（X-Y）	10*4mm sample	ISO 527-2	%	5.86
Elongation at break（Z）	10*4mm sample	ISO 527-2	%	2.59
Bending modulus(X-Y)	10*4mm sample	ISO178	MPa	2316.31
Bending modulus(Z)	10*4mm sample	ISO178	MPa	1460.13
Bending strength (X-Y)	10*4mm sample	ISO178	MPa	60.82
Bending strength (Z)	10*4mm sample	ISO178	MPa	23.71
Notched impact strength (X-Y)	10*4mm sample notched	ISO180	KJ/㎡	5.87
Notched impact strength (Z)	10*4mm sample notched	ISO180	KJ/㎡	1.78
Non-notched impact strength (X-Y)	10*4mm sample non notched	ISO180	KJ/㎡	17.95
Non-notched impact strength (Z)	10*4mm sample non notched	ISO180	KJ/㎡	4.03

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. The data and information presented are for general reference only and do not constitute design specifications or performance guarantees. Actual results may vary depending on material batch, printing, and environmental conditions. Users are responsible for verifying the suitability, safety, and compliance of materials for their specific applications. Lotactree reserves all rights to modify product specifications without prior notice and assumes no liability for any loss or damage resulting from improper use.