

FilRight Maker PLA

Physical properties	Typical Value	Test Method
Specific gravity	1.24 g/cc	ASTM D1505
Melt flow rate	6,0 g 10/min	-
Water absorption		
Moisture absorption		
Mechanical properties	Typical Value	Test Method
Impact strength	7,5 KJ/m ²	
Tensile strength	110 MPa (MD) 145 MPa (TD)	ASTM D882
Tensile modulus	3310 MPa (MD) 3860 MPa (TD)	ASTM D882
Elongation at break	160% (MD) 100% (TD)	ASTM D882
Flexural strength		
Flexural modulus		
Hardness		
Thermal properties	Typical Value	Test Method
Print temperature	180-210 °C	
Melting temperature	210 °C ± 10 °C	
Melting point	145-160 °C	ASTM D3418
Viscal softening temp.	± 60 °C	ISO 306
Dimensions		
Size	Tolerance	Roundness
1,75mm	± 0,05mm	≥ 95%
2,85mm	± 0,10mm	≥ 95%

Heated bed: If used: recommended temperature ± 35-60 °C
 Storage: Cool and dry ± 15-25 °C