

FilRight rPLA

Physical properties	Typical Value	Test Method
Specific gravity	1.24 g/cc	ISO 1183
Melt flow rate	11 g 10/min	ISO 1133
Water absorption		
Moisture absorption		

Mechanical properties	Typical Value	Test Method
Impact strength	7,5 KJ/m ²	
Tensile strength	46 MPa	ASTM D882
Tensile modulus	3251 MPa	ISO 527
Elongation at break	4%	ISO 527
Flexural strength		
Flexural modulus		
Hardness		

Thermal properties	Typical Value	Test Method
Print temperature	210 °C ± 10 °C	
Melting temperature		
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%