

FilRight Engineering ASA

Physical properties	Typical Value	Test Method
Specific gravity	1,11 g/cc	ISO 1183
Melt flow rate	26,6 gr/10 min	ISO 1133
Water absorption		
Moisture absorption		

Mechanical properties	Typical Value	Test Method
Impact strength	18 KJ/m ²	ISO 179
Tensile strength	47,5 Mpa	ISO 527
Tensile modulus	2020 Mpa	ISO 527
Elongation at break	15%	ISO 527
Flexural strength		
Flexural modulus		
Hardness		

Thermal properties	Typical Value	Test Method
Print temperature	245 °C ± 10 °C	
Melting temperature	230 °C ± 10 °C	ISO 294
Viscal softening temp.	± 98 °C	ISO 306

Dimensions		
Size	Tolerance	Roundness
1,75mm	± 0,05mm	≥ 95%
2,85mm	± 0,10mm	≥ 95%

Heated bed: Recommended temperature ± 80-90 °C

Storage: Cool and dry ± 15-25 °C