

# Technische Daten

## Essential Data:

Material	PLA
Diameter	1.75mm
Tolerance	± 0.02 mm
Heated build platform required	No
Print Temperature	185 - 220° C
Weight Filament	3 kg (3000g)
Total length on spool	1020 m +/- 1%
Spool Size	270 x 105 mm
Spool Hub Diameter	53 mm
Empty spool weight	382g

## Technical data

Physical	Test method	Value
Density	GB/T1033-1986	1.25 g/cm <sup>3</sup>
Melting Point	GB/T19466.3-2004	175 - 179° C
Glass transition temperature	GB/T19466.3-2004	60 - 62° C
<b>Mechanical</b>		
Tensile strength @ Yield	GB/T1040-1992	63 MPa
Elongation @ Break	GB/T1040-1992	6 %
Flexural Strength	GB/T1040-1992	92 MPa
Izod Impact Strength	GB/T1040-1992	3,5 KJ/m <sup>2</sup>