

Technical datasheet

colorFabb Color on Demand

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ColorFabb Color on Demand is a high quality PLA 3D printing filament, impact modified to improve toughness. PLA Color on Demand is available on several spools in custom colors.

TYPICAL MATERIAL PROPERTIES

Physical properties	Unit	Value	Method
Density	g/cm ³	1,2 - 1,3	
Glass Transition Temperature	°C	55 - 60	DSC
Tensile Strength	MPa	45	ISO 527-1
Tensile Modulus	MPa	3400	ISO 527-1
Tensile Elongation	%	6	ISO 727-1
Impact Strength (Ch-N 23°C)	kJ/m ²	7	ISO 179-1

FILAMENT SPECIFICATION

Nominal diameter:	Diameter tolerance	Ovality
1,75 mm	± 0,05	≥ 95%
2,85 mm	± 0,10	≥ 95%

GUIDELINE FOR PRINT SETTINGS

Nozzle temperature	195 - 220°C
Bed temperature	50 - 60°C
Bed surface / modification	Tape or glue
Active cooling fan	100%
Print speed	40-80 mm/s

Disclaimer

The product- and technical information provided in this datasheet is correct to the best of our knowledge. The information given is provided as a guidance for good use, handling and processing and is not to be considered as a quality specification. The information only relates to the specific product and the material properties.