

Technical datasheet

colorFabb PETG Economy

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ColorFabb PETG Economy is a high quality PETG 3D printing filament, available on large 2,2 kg spools in a limited amount of colors. Our PETG Economy is an easy to print material with good layer adhesion and low warping.

TYPICAL MATERIAL PROPERTIES

Physical properties	Unit	Value	Method
Density	g/cm ³	1.28	
Glass Transition Temperature	°C	70	
Tensile Strength@Yield	MPa	49	ISO 527-1
Tensile Modulus	GPa	2	ISO 527-1
Tensile Elongation@Break	%	36	ISO 727-1

FILAMENT SPECIFICATION

Nominal diameter:	Diameter tolerance	Ovality			
1,75 mm	± 0,10	≥ 95%			
2,85 mm	± 0,10	≥ 95%			
Available colors:	EU 10/2011	FDA CFR21	RoHS (2011/65/EU)	REACH	
White	Y	Y	Y	Y	
Black	Y	N	Y	Y	
Red	Y	Y	Y	Y	
Netto filament weight	2,2 kg				

GUIDELINE FOR PRINT SETTINGS

Nozzle temperature	235 – 255 °C
Bed temperature	70 – 80 °C
Bed surface / modification	If heated bed is used , no surface modification is needed.
Active cooling fan	75 – 100% fan cooling for best aesthetics, this gives best performance on overhangs and small details. For best mechanical performance try printing with the least amount of cooling needed, for optimal layer adhesion.
Print speed	30 – 50 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.