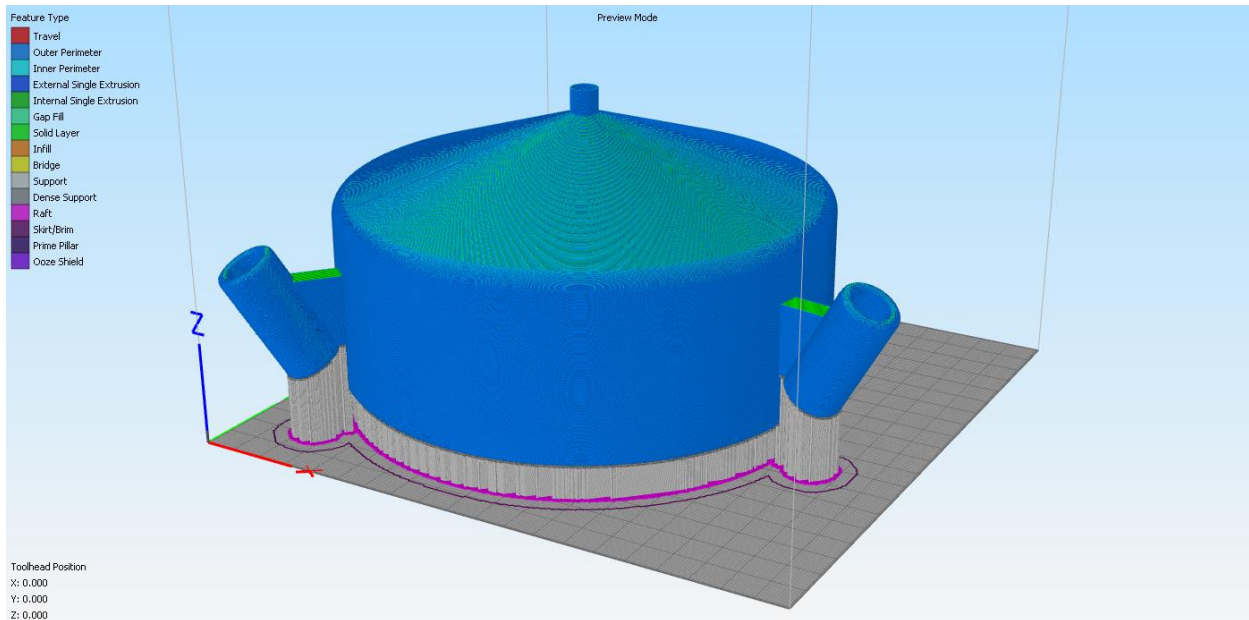


Rosary - Onno_Fridrich_-_Entwurf



Build Statistics		Comments
Printing hours:	570,0 h	<ul style="list-style-type: none"> - Support structures (marked grey) might affect final surface quality. - The recommended print orientation will reduce supports to a minimum.
Material weight:	52,5 kg	
Layer height:	0,6 mm	
Infill ratio:	15%	
Nozzle diameter:	1,0 mm	
Machine hours price:	8.550,00 €	Recommendation
Service price:	4.275,00 €	
Material price (PLA):	1.522,50 €	
Material price (Pro HT):	2.730,00 €	
Total (PLA):	14.347,50 €	
Total (Pro HT):	15.555,00 €	

bigrep 3D Printing Analysis ONE

bigrep FILAMENT

	BigRep PRO HT	BigRep PLA	BigRep PVA	BigRep PETG
	High Temperature Resistant Material	Affordable and Versatile Material	Affordable and Versatile Material	Durable and Impact-Resistant Material
				
Filament Net Weight	2.5 / 4.5 / 8.0 Kg	2.5 / 4.5 / 8.0 Kg	2.5 / 4.5 Kg	2.5 / 4.5 / 8.0 Kg
Material	BioPolymer (PRO HT)	Polylactic Acid (PLA)	Polyvinyl Alcohol (PVA)	PolyEthylene Terephthalate Glycol
Density	1.3g/cm ³	1.24 g/cm ³	1.23 g/cm ³	1.27 g/cm ³
Diameter	2.85 mm	2.85 mm	2.85 mm	2.85 mm
Print Temperature Guideline	200°C	205°C	190°C	230°C
Heating Bed	60°C	60°C	60°C	60°C
VST (ISO 306)	115°C	60°C	60°C	70°C
Tensile Strength (ISO 527)	44 MPa	60MPa	78MPa	50 MPa
Impact Strength (ISO 179)	37 KJ/m ²	7.5 KJ/m ²	1.7 KJ/m ²	7.2 KJ/m ²
Flexural Modulus (ISO 178)	3253 MPa	2392.5 MPa	3860 MPa	2145 MPa

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