Fuel Cap Opener – thick, 2 inch

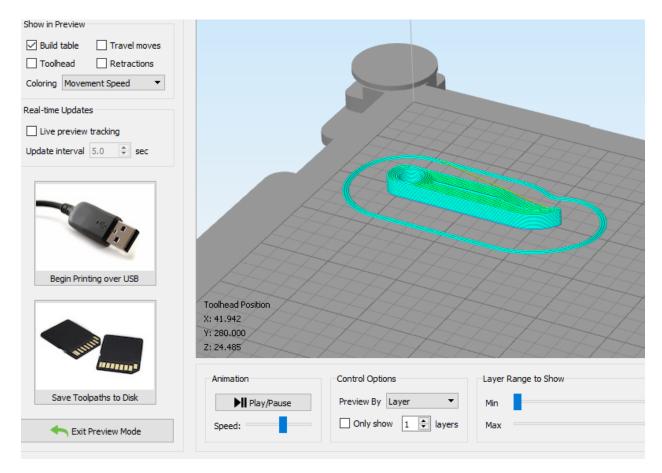
Material: ABS

Print time = .1 hrs

Plastic cost = \$.05

Simplify3D slicer

1 Print Processes Total



Process 1

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Process Name:	Process 1					
Select Profile:	Default (modified) Update Profile Save as New Remove					
Auto-Configure for Material Auto-Configure for Print Quality						
ABS			- 0 0	Fast		- •
General Settir	ngs					
Infill Percenta	age:			1	.00% 🗌 Include Ra	ft 🔄 Generate Support
Extruder	Layer Additions	Infill Support	Temperature	Cooling G-Code	Scripts Speeds	Other Advanced
	Extruder List em to edit settings) Extruder	Primary Ext	ruder Too	olhead		
		Extruder Toolhead In Nozzle Diameter Extrusion Multiplier Extrusion Width ()	0.50 🜩 mm	0.60 🗘 mm	•	
		Ooze Control	Retraction Dista	nce 1.30 🗘]	
		Neu acuuri	Extra Restart Di		2	
			Retraction Vertic	cal Lift 0.00 🗘] mm	
			Retraction Spee	d 20.0 🖨	mm/s	
A	dd Extruder	Coast at End	Coasting Distan	ce 0.20 🚔	mm	
Ren	move Extruder	Wipe Nozzle	Wipe Distance	5.00 🗘	mm	
Hide Advance	ed Select Models					OK Cancel

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Process Name: Process1	
Select Profile: Default (modified)	▼ Update Profile Save as New Remove
Auto-Configure for Material	Auto-Configure for Print Quality
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General Settings	
Infill Percentage:	100% 🗌 Indude Raft 🔄 Generate Support
Extruder Layer Additions Infil Support Temperature Layer Settings Primary Extruder •	Cooling G-Code Scripts Speeds Other Advanced First Layer Settings First Layer Height 95 % First Layer Width 100 % First Layer Speed 50 % Start Points Optimize start points for all perimeters Optimize start point closest to specific location X: 0.0 Y: 240.0 mm
Hide Advanced Select Models	OK Cancel

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Auto-Configure for Material	Auto-Configure for Print Quality			
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General Settings				
Infill Percentage:	100% 🗌 Indude Raft 📄 Generate Support			
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Extruder Layer Additions Infill Support Temperature	Cooling G-Code Scripts Speeds Other Advanced			
Use Skirt/Brim	Use Prime Pillar			
Skirt Extruder	Prime Pillar Extruder All Extruders			
Skirt Layers 1	Pillar Width 12.00 🜩 mm			
Skirt Offset from Part 10.00 🖨 mm	Pillar Location North-West 👻			
Skirt Outlines 3	Speed Multiplier 100 🔹 %			
Use Raft	Use Ooze Shield			
Raft Extruder Primary Extruder	Ooze Shield Extruder All Extruders			
Raft Top Layers 2 +	Offset from Part 2.00 \$ mm			
Raft Base Layers 1 +	Ooze Shield Outlines 1 🗘			
Raft Offset from Part 3.00 🜩 mm	Sidewall Shape Waterfall			
Separation Distance 0.14 + mm	Sidewall Angle Change 30 🗘 deg			
Raft Top Infill 100 🗘 %	Speed Multiplier 100 🗘 %			
Above Raft Speed 30 🜩 %				
Hide Advanced Select Models	OK Cancel			

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General Settings				
Infil Percentage:	100% 🗌 Include Raft 📄 Generate Support			
Extruder Layer Additions Infill Support Temperature	Cooling G-Code Scripts Speeds Other Advanced			
General	Internal Infill Angle Offsets			
Infill Extruder Primary Extruder 🔻	0 🜩 deg 45 -45			
Internal Fill Pattern Rectilinear	Add Angle			
External Fill Pattern Rectilinear	Remove Angle			
Interior Fill Percentage 100 🜩 %	Print every infill angle on each layer			
Outline Overlap 20 🐳 %				
Infill Extrusion Width 200 👻 %	External Infill Angle Offsets			
Minimum Infill Length 4.00 🖨 mm	0 🗢 deg 45 -45			
Combine Infill Every 1 🖨 layers	Add Angle			
□ Include solid diaphragm every 20 🜩 layers	Remove Angle			
Hide Advanced Select Models	OK Cancel			

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Process Name: Process1		
Select Profile: Default (modified) Auto-Configure for Material	Update Profile Save as New Remove Auto-Configure for Print Quality	
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General Settings		
Infill Percentage:	100% 🗌 Include Raft 📄 Generate Support	
Extruder Layer Additions Infill Support Temperature	Cooling G-Code Scripts Speeds Other Advanced	
Support Material Generation	Automatic Placement	
Generate Support Material	Only used if manual support is not defined	
	Support Type From Build Platform Only	
Support Extruder Primary Extruder	Support Pillar Resolution 1.00 🜩 mm	
Support Infill Percentage 50 🗘 %	Max Overhang Angle 20 🔶 deg	
Extra Inflation Distance 0.00 ≑ mm		
Support Base Layers 0	Separation From Part	
Combine Support Every 1 🗘 layers	Horizontal Offset From Part 0.10 🗘 mm	
Dense Support	Upper Vertical Separation Layers 0	
	Lower Vertical Separation Layers 0	
Dense Support Extruder Primary Extruder 🔻		
Dense Support Layers 0 🗘	Support Infill Angles	
Dense Infill Percentage 50 🗘 %	0 🗘 deg 90	
	Add Angle	
	Remove Angle	
	~	
Hide Advanced Select Models	OK Cancel	

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fill Percentage:		10	00% 🗌 Include Raf	t 📃 Generate Sup
Extruder Layer Additions Infil	Support Temperature	Cooling G-Code	Scripts Speeds	Other Advanced
Temperature Controller List (click item to edit settings)	Heated Bed	d Temperatu	re	
Primary Extruder	Overview	•		
Heated Bed	Temperature Identi	fier T0	•	
	Temperature Contro	oller Type: 🔿 Extruder	Heated build platfor	m
	✓ Wait for temper	ature controller to stabili:	ze before beginning build	
	Per-Layer Temperat	ture Setpoints		
	Layer	Temperature	Add Se	tpoint
	1	95	Remove 5	Setpoint
			Layer Number	1
			Temperature	200 ≑ °C
Add Temperature Controller				
Remove Temperature Controller				
				OK Can ?
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General Settings				
Infill Percentage:		100% 🗌 Include Raft 🗌 Generate Support		
Extruder Layer Addition Speeds Default Printing Speed Outline Underspeed Solid Infill Underspeed Support Structure Underspeed X/Y Axis Movement Speed Z Axis Movement Speed	30.0	Cooling G-Code Scripts Speeds Other Advanced Speed Overrides ✓ Adjust printing speed for layers below 15.0 ♀ sec Allow speed reductions down to 20 ♀ %		
Hide Advanced Select Models	ł	OK Cancel		

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Select Profile: Default (modified) Auto-Configure for Material	Update Profile Save as New Remove Auto-Configure for Print Quality
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General Settings	
Infill Percentage:	100% Indude Raft Generate Support
Extruder Layer Additions Infill Support Temperature	Cooling G-Code Scripts Speeds Other Advanced
Bridging Unsupported area threshold 50.0 \$ sq mm Extra inflation distance 0.00 \$ mm Bridging extrusion multiplier 100 % Bridging speed multiplier 100 % Use fixed bridging infill angle 0 \$ deg Apply bridging settings to perimeters Dimensional Adjustments Horizontal size compensation 0.00 \$ mm	Filament Properties Filament Toolhead Index Tool 0 Filament diameter 2.8500 mm Filament diameter 25.00 price/kg Filament density 1.05 grams/cm^3
Hide Advanced Select Models	Tool change retraction speed 10.0 🖨 mm/s

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Process Name: Process1 Select Profile: Default (modified)	▼ Update Profile Save as New Remove
Auto-Configure for Material	Auto-Configure for Print Quality
General Settings Infill Percentage:	100% Include Raft Generate Support
Extruder Layer Additions Infill Support Temperature Layer Modifications	Cooling G-Code Scripts Speeds Other Advanced Ooze Control Behavior
Minimum Extrusion Length 0.40 🐑 mm Minimum Printing Width 50 🗣 % Maximum Printing Width 200 🌩 % Endpoint Extension Distance 1.10 🌩 mm Hide Advanced Select Models	Slicing Behavior Non-manifold segments: O Discard O Heal Merge all outlines into a single solid model