

BanRC3 Slicer setting



Hi,

This file is to test your printer. This is the biggest part of BanRC3, if your printer can print this part then it can print all other parts.

This guide shows you Cura recommended setting for each part. For sure you can use the same setting on another slicers.

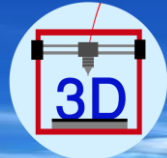
Follow these settings to get the same (or as much as possible) the same weights shown in user guide.

For the printing speed and temperature, you can adapt upon your printer and convenient, *remember in 3D printing higher speed lead for low quality.*

Retraction:

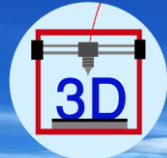
- 1- Direct drive (for printers like Anet A8).
 - Retraction Distance: 0.7mm.
 - Retraction Speed: 45 mm/s.
- 2- Bowden.
 - Retraction Distance: 4.5mm
 - Retraction Speed: 45 mm/s.

Please do not share the STL files you bought. I trust your best and kindness on this matter.



Wing part 1

Quality	Profile	Unit
Layer height	0.3	mm
Initial Layer Height	0.3	mm
Line Width	0.4	mm
Initial Layer Line Width	100	%
Shell	Profile	Unit
Wall Thickness	0.4	mm
Wall Line Count	1	mm
Top Thickness	1	mm
Top Layers	4	
Bottom Thickness	4	mm
Bottom Layers	14	
Optimize wall printing order	v	
Infill	Profile	Unit
Infill Density	0	%
Material	Profile	Unit
Printing Temperature	210	C°
Build Plate Temperature	60	C°
Flow	102	%
Enable Retraction	v	
Retraction Distance	0.7	mm/s
Retraction Speed	45	mm/s
Retraction extra prime amount	0.2	mm3
Speed	Profile	Unit
Print Speed	50	mm/s
Top/Bottom Speed	40	mm/s
Travel Speed	100	mm/s
Initial Layer Speed	30	mm/s
Skirt/Brim Speed	40	mm/s
Travel	Profile	Unit
Combing Mode	Off	
Cooling	Profile	Unit
Enable Print Cooling		
Regular/Maximum...Speed Threshold	10	Sec
Minimum Layer Time	5	Sec
Build Plate Adhesion	Profile	Unit
Build Plate Adhesion Type	Brim	
Brim Width	8	mm
Brim Only on Outside	v	
Special Mode	Profile	Unit
Print Sequence	All at Once	
Experimental	Profile	Unit
Slicing tolerance	Exclusive	



Cockpit

Quality	Profile	Unit
Layer height	0.3	mm
Initial Layer Height	0.3	mm
Line Width	0.4	mm
Initial Layer Line Width	100	%
Shell	Profile	Unit
Wall Thickness	0.4	mm
Wall Line Count	1	mm
Top Thickness	1	mm
Top Layers	4	
Bottom Thickness	1	mm
Bottom Layers	4	
Optimize wall printing order	√	
Outer before inner walls	√	
Infill	Profile	Unit
Infill Density	10	%
Infill Pattern	Grid	
Infill before walls		
Material	Profile	Unit
Printing Temperature	210	°C
Build Plate Temperature	60	°C
Diameter	1.75	mm
Flow	102	%
Enable Retraction	√	
Retraction Distance	0.7	mm/s
Retraction Speed	45	mm/s
Retraction extra prime amount	0.2	mm³
Speed	Profile	Unit
Print Speed	30	mm/s
Infill Speed	30	mm/s
Top/Bottom Speed	30	mm/s
Travel Speed	100	mm/s
Initial Layer Speed	30	mm/s
Initial Layer Print Speed	30	mm/s
Skirt/Brim Speed	40	mm/s
Travel	Profile	Unit
Combing Mode	Off	
Cooling	Profile	Unit
Enable Print Cooling		
Regular/Maximum...Speed Threshold	10	Sec
Minimum Layer Time	5	Sec
Build Plate Adhesion	Profile	Unit
Build Plate Adhesion Type	Brim	
Brim Width	8	mm
BrimOnly on Outside	√	
Special Mode	Profile	Unit
Print Sequence	All at Once	
Experimental	Profile	Unit
Slicing tolerance	Exclusive	