# Dual-Extrusion Settings for PolySupport

Polymaker

Sep 2015



# PolySupport™: A New and Better Support Material

### **PolySupport**<sup>TM</sup>



#### No More Hassle

Easy to use and store; no need to work with dangerous solvents



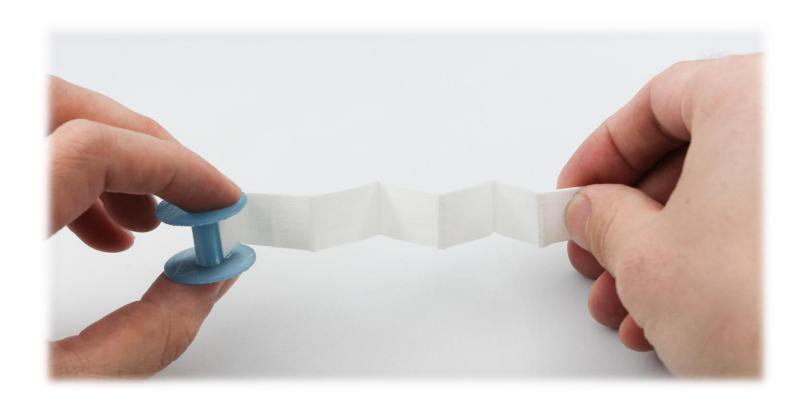
### Freedom of Creation

Design and create without limits



### Single & Dual Extruders

Can be used on both single- and dual-extruder 3D printers





# PolySupport™: Freedom of Creation Redefined

### **PolySupport**<sup>TM</sup>



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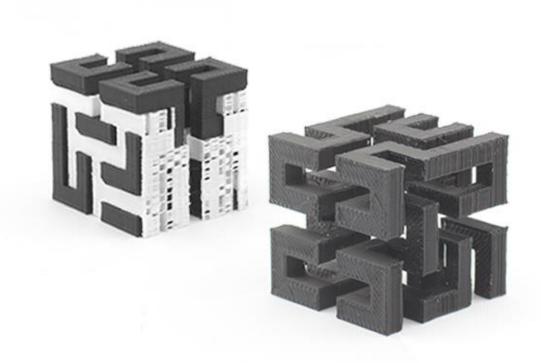
#### **Freedom of Creation**

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#### Single & Dual Extruders

Can be used on both single- and dual-extruder 3D printers





# PolySupport™: Single & Dual-Extrusion

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### **Freedom of Creation**

Design and create without limits



#### **Single & Dual Extruders**

Can be used on both single- and dual-extruder 3D printers



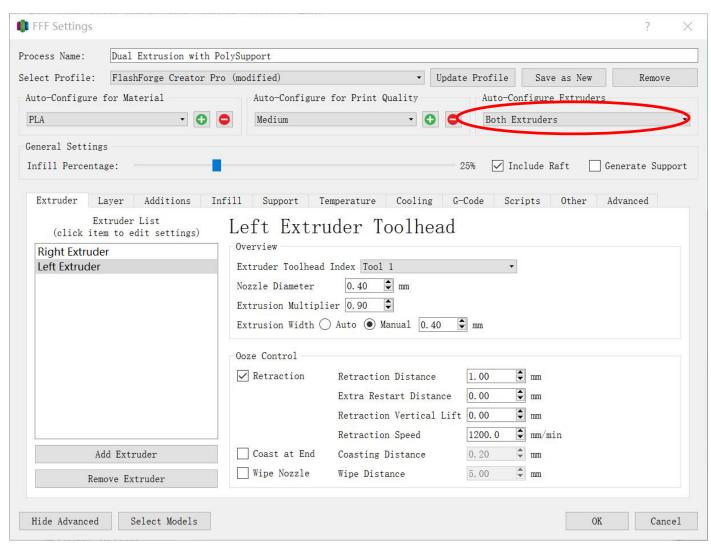








### **Enable dual-extrusion**

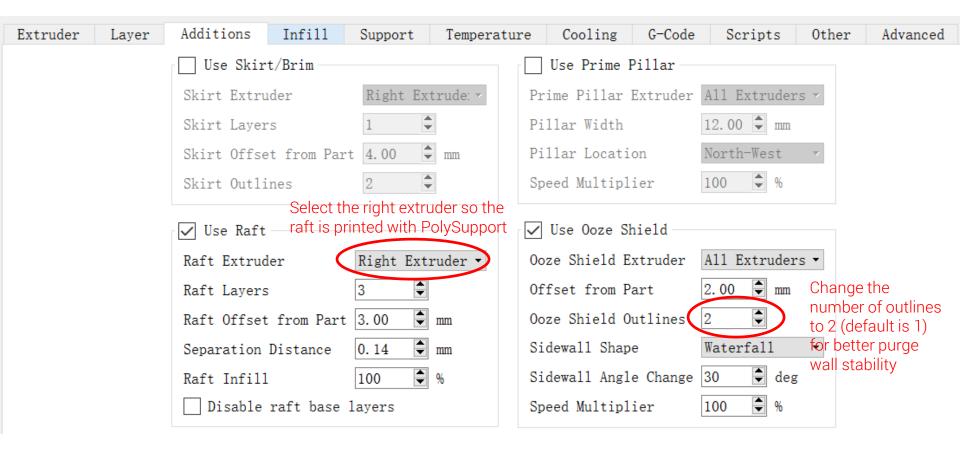


Select "both extruders" here

In this case the right extruder is printing PolySupport and the left extruder is printing PolyPlus PLA.

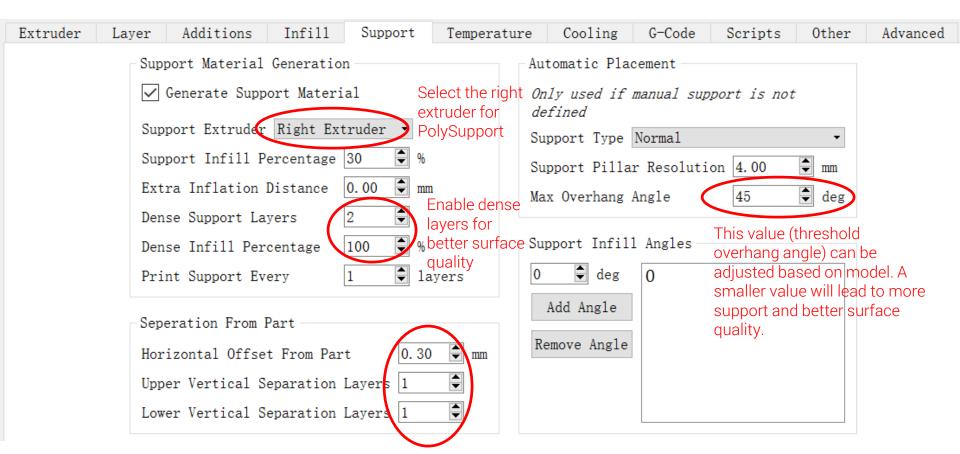


## Raft and purge wall settings





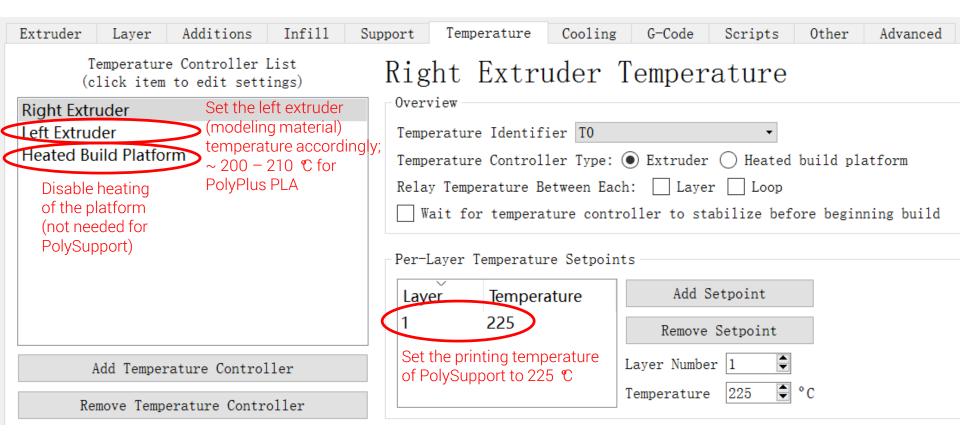
### Support settings



The default settings are good for most models; the separation distance can be changed to "0" for parts with very small contact areas between the support and model

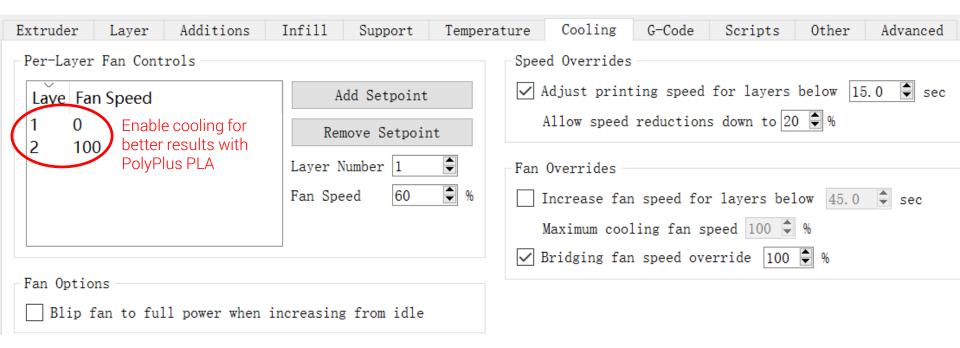


### Temperature settings





### Cooling settings



### Additional notes

- Recommended layer height: 0.2 mm
- Only key settings are shown; other parameters, such as infill, number of outlines, printing speeds, etc., can be adjusted based on needs



# **Dual Extrusion Examples**



Designed by Steve Medwin <a href="http://www.thingiverse.com/thing:88519">http://www.thingiverse.com/thing:88519</a>

Red: PolyPlus<sup>TM</sup> PLA White: PolySupport<sup>TM</sup>



Designed by meshmixer <a href="http://www.thingiverse.com/thing:131054">http://www.thingiverse.com/thing:131054</a>

#### Natural PolyPlus<sup>TM</sup> PLA

Printed as one part (no assembly); PolySupport is removed and not shown



Brain Gear



# Questions or Comments: ts@polymaker.com



**Innovation Simplified**