Dual-Extrusion Settings for PolySupport

Polymaker

Sep 2015



PolySupport™: A New and Better Support Material

PolySupportTM



No More Hassle

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



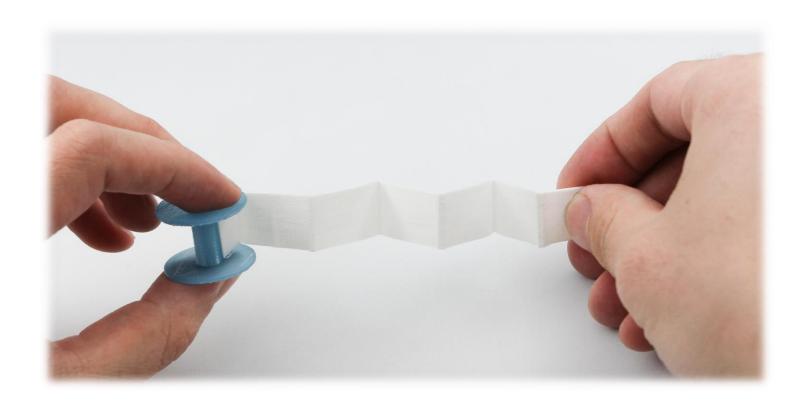
Freedom of Creation

Design and create without limits



Single & Dual Extruders

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





PolySupport™: Freedom of Creation Redefined

PolySupportTM



No More Hassle

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



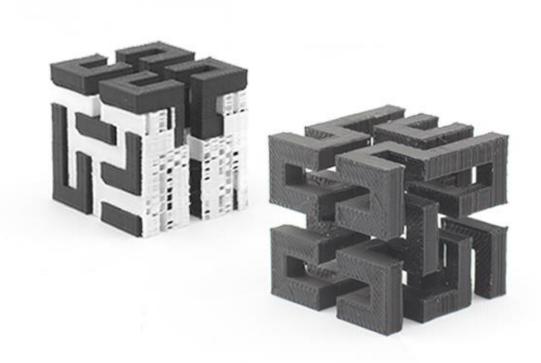
Freedom of Creation

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PolySupport™: Single & Dual-Extrusion

PolySupportTM



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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



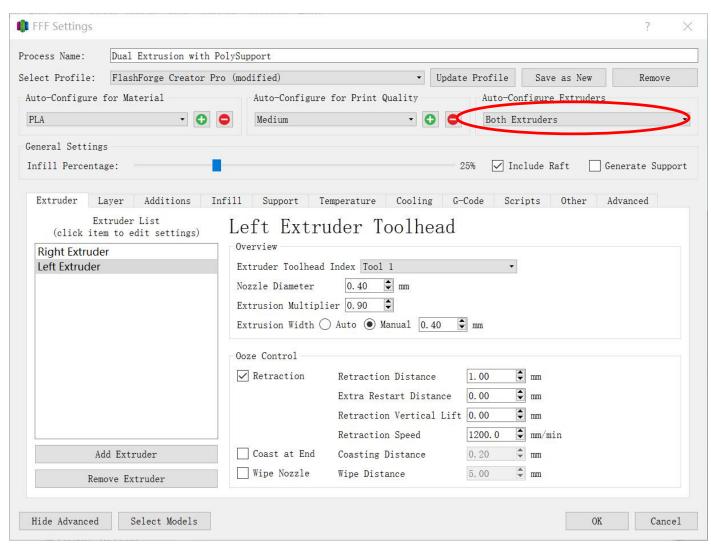








Enable dual-extrusion

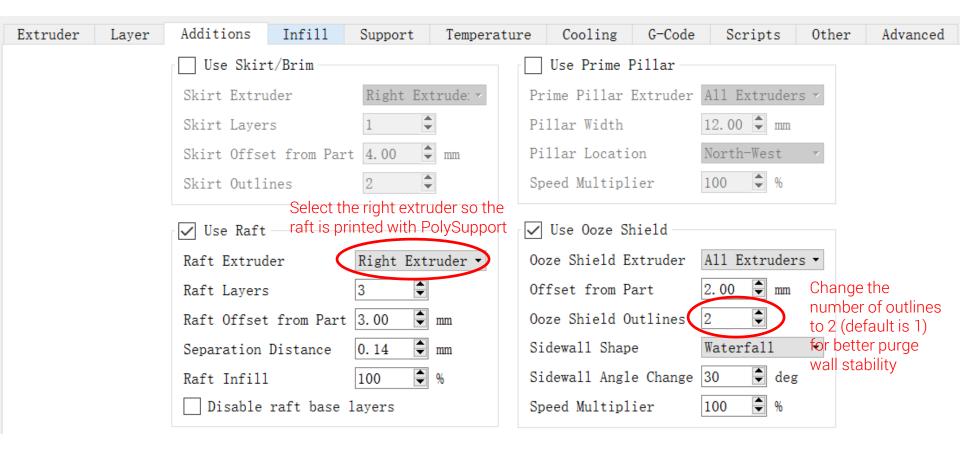


Select "both extruders" here

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

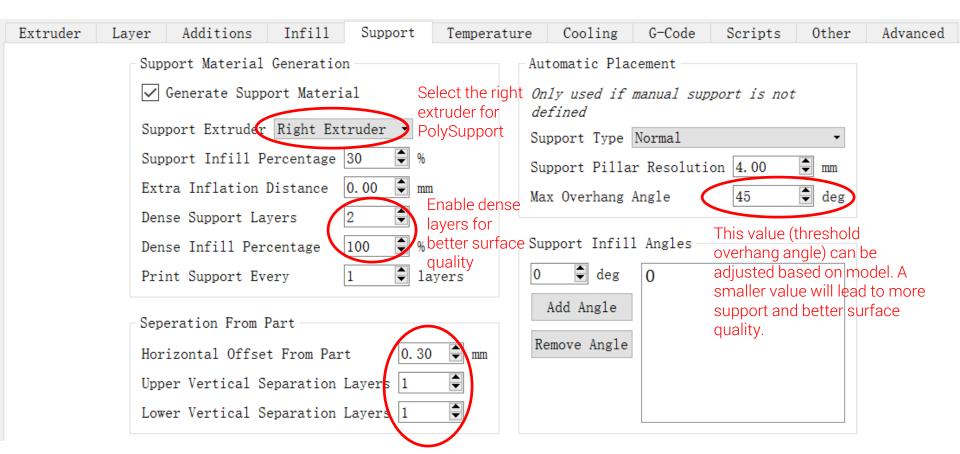


Raft and purge wall settings





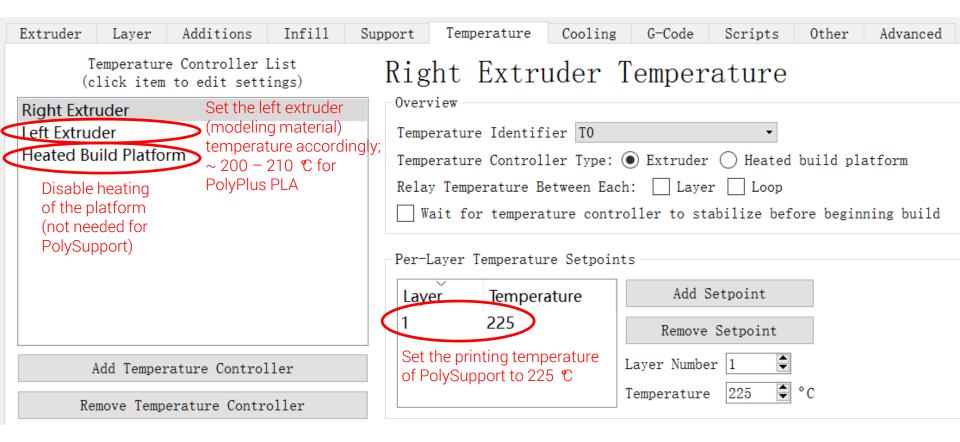
Support settings



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

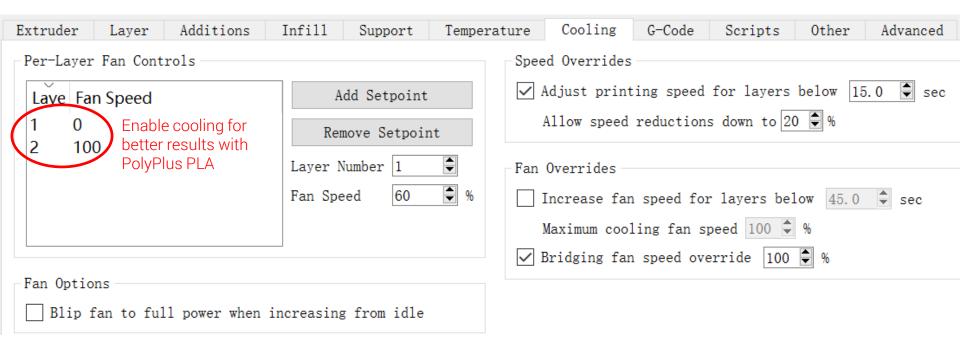


Temperature settings





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 http://www.thingiverse.com/thing:88519

Red: PolyPlusTM PLA White: PolySupportTM



Designed by meshmixer http://www.thingiverse.com/thing:131054

Natural PolyPlusTM PLA

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



Brain Gear



Questions or Comments: ts@polymaker.com



Innovation Simplified