Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Suited for Intermediate Users

PolyDissolve S1 by Polymaker

3 mm , 750g reel

Printing organic shapes with no flat surface? Complex geometry where support removal is next to impossible? Tired of time-consuming cleanup on your mechanical parts? Try this water-soluble support filament from Polymaker and leave those design limitations behind. The PolyDissolve S1 filament pairs perfectly with the TAZ Dual Extruder v3 Tool Head, freeing you to focus solely on your design, instead of how to make it 3D printable.

PRODUCT ALERT (1)

Disposal Notice

The preferred method of disposal for polyvinyl alcohol (PVA) support material is in the trash. The immersion of 3D printed objects into water containing support material will generate wastewater containing PVA. When PVA-based support material cannot be physically removed from the object, requiring that the object be immersed in water, it is suggested that you contact your local Sanitary Sewer (Wastewater) Authority to obtain the proper disposal method prior to discharging to the sewer.

Works with: LulzBot Mini, LulzBot TAZ 6, LulzBot TAZ Dual Extruder

Features

While developing the LulzBot TAZ Dual Extruder v3 Tool Head, we tested numerous dedicated support filaments. PolyDissolve S1 emerged the favorite for the following reasons:

- o Softens and dissolves in plain tap water, improved by regular replacement and agitation
- o More reliable printing with a wider print temperature range 210°C-230°C
- o Stronger adhesion to other printing materials
- o Less prone to moisture absorption from the air

Parts & Specifications

Filament Specifications

Filament Diameter: 2.85 mm (0.11 inches)

Amount of Filament: 750g (1.65 lbs)

Filament Colors: Natural off-white

Special Tool Head Requirements: Dual Extruder v3 Tool Head recommended

Hot End Temperature Range: 210°C-230°C

Print Surface: Applying a glue stick (such as Elmer's® brand) directly to the print surface before starting your LulzBot 3D printer is strongly recommended for increased printed object adhesion.

PolyDissolve S1 filament ships vacuum sealed and mounted on a reel.

Store your filament in an air tight container. The filament arrives in a resealable bag recommended for storage. The use of desiccant is encouraged as PolyDissolve S1 filament will absorb moisture from the air.