



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!



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Suited for Advanced Users

## Alloy 910 by Taulman 3D

3 mm , 1lb reel

Specially developed to exhibit the ideal characteristics of several different classes of 3D printing filaments, Alloy 910 offers the strength and durability of nylon with the same minimal shrink nature of PLA and t-glase.

## PRODUCT ALERT (3)

### Compatibility Alert:

A tool head equipped with an all-metal hot end is required due to the high ideal printing temperature range.

### Print Surface Recommendation:

Alloy 910 is a nylon filament material, therefore 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.

### Packaging Note:

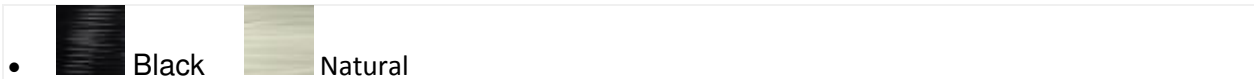
Reel diameter and packaging style may vary based on color selection. Filament weight remains the same.

*Works with:* LulzBot Mini, LulzBot TAZ 6, LulzBot TAZ 5, LulzBot TAZ/Mini Aerostruder, LulzBot TAZ Dual Extruder, LulzBot TAZ FlexyDually, LulzBot Hexagon, LulzBot TAZ 6 Hexagon, LulzBot TAZ 5 Hexagon

Support: Alloy 910, 3mm Filament, 1lb Reel (Taulman)

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### Colors



### Features

Alloy 910 is among the strongest materials you can currently 3D print. When 3D printed, it has a tensile strength of 8,500 PSI, making Alloy 910 almost as strong as Polycarbonate but easier to 3D print since it warps five times less. Perfect for applications where high strength and stiffness is key. Use Alloy 910 for frames or enclosures subject to stress and high impact, and items subject to repeated flexing such as buckles and clasps. Like other nylons, Alloy 910 has a large chemical resistance range and can even be dyed to achieve custom color profiles using Rit® brand dye.

## Parts & Specifications

### *Filament Specifications*

Filament Diameter: 3 mm (0.12 inches)

Amount of Filament: 1 lb (0.45 kg)

Filament color may vary

### *Printing Specifications*

Special Tool Head Requirements: LulzBot Hexagon Hot End recommended

Hot End Temperature Range: 245°C-250°C

Print Surface: PEI film recommended with a glue stick (such as Elmer's® brand) applied to the print surface prior to powering on your LulzBot 3D printer. Maintain the print surface by powering off your LulzBot and cleaning the glue stick residue with a soft cloth and water.

Print Surface Temperature: 110°C

### *Packaging Information*

Reel diameter and packaging style may vary based on color selection. Filament weight remains the same.

Alloy 910 filament ships vacuum sealed and mounted on a reel.

### *Storage Specifications*

Store your filament in an air tight container. The use of desiccant is encouraged as nylon filament will absorb moisture from the air.