

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)

Colors

-  Black  Natural

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.