3D-Fuel Wound Up™

Coffee-Filled PLA Filament

3D Printing with Coffee!

Wound Up™ is a coffee-filled 3D printing filament made using waste byproducts from coffee. Wound Up™ uses those coffee left-overs to create a special 3D printing material with visibly unique print finishes. The filament produces products with a rich brown color and a noticeable natural grain. Now a cup printed with Wound Up™ is a true "coffee cup."

CAUTION: Wound Up™ coffee filament uses PLA as its base polymer. Because of this you should NOT use it for 3D printing anything that will come in contact with high heat or hot liquids. In other words, it IS NOT safe to print a functional coffee cup with this material. We do recommend that you print coffee accessories, such as coffee bag clips, coasters, etc.

Wound Up™ filament can be printed on any machine capable of printing with PLA using standard PLA settings.standard PLA settings.

Print Settings

Landfillament prints well at 180-210 C. In general, a good starting point is 10 degrees cooler than you typically print PLA. A heated bed is not necessary, though if you have one, set it to 45 C.

Filament Information

Quality: All 3D-Fuel 3D printer filament is manufactured in our own production facility located in Fargo, North Dakota or in Moville, Ireland (depending on customer location). We have complete control over the manufacturing process and are able to ensure consistent quality for every spool.

Diameter Tolerance: Variable diameter can cause big problems in your 3D printer. We use a multi-axis laser measurement system to control our filament diameter and ovality in real time during production. Every spool has the diameter and ovality measurements ***listed right on the box.***

Packing Information: 500g (1.1lbs) of Wound Up Coffee Filament plastic filament arrives on an easy-to-use plastic reel and is vacuum sealed with a desiccant packet to keep out any moisture.

Test Printing: The 3D-Fuel test lab features multiple brands of 3D printers including MakerBot, LulzBot, FlashForge, and more. We 3D print what we manufacture to ensure that our filament provides the absolute best quality possible.