

LulzBot Filament Testing Report

Manufacturer: 3DOM USA
Filament Name: Wound Up
Filament Type: Coffee filled PLA
Tested By: Brent M
Date: 9/15/15

Ease of use: 10/10 – prints just like regular PLA
Appearance: 9/10
Size consistency: Good
Color consistency: Good
Print temperature: 200-205C / 60C
Prints using Lulzbot profiles/temps: Yes, using standard PLA profiles

Recommendation: This is a pretty fun filament that smells a bit like coffee while printing, and a LOT like coffee when opening the bag (it contains a coffee pouch). Printed parts have great color and surface finish, a nice translucent brown PLA, finished parts do not smell noticeably like coffee when cool. It's a fun filament to print with, and definitely “Lulzbot Approved”.

Notes:

- Nice sweet coffee smell when printing
- Seems to be more of a dyed PLA than a filled PLA
- Prints well with standard PLA settings, for a default profile for this material I would drop extrusion temp to 200C, no other changes seem to be needed.
- Finished parts do not smell like anything really.
- Filament came packaged nicely in a branded box complete with a real quality report on the mean diameter, ovality and production date. Nice!

| Filament | Variance in diameter | Maximum out of round | Extrusion temperature |
|--------------------------|--|-------------------------------|------------------------------------|
| “Wound Up” Coffee PLA | 2.77-2.84mm (2.805mm AVG) 0.07mm variance | 2.80-2.83 (0.03mm ovality) | 190-210C range 200C / 60C ideal |

