LulzBot Filament Testing Report

Manufacturer: ColorFabb
Filament Name: PLA/PHA (multiple colors)
Filament Type: PLA/PHA blend
Tested By: Brent M
Date: 02/11/2016

Ease of use: 7/10
Appearance: 9/10
Color consistency: 10/10
Print temperature Range (C):   190-220/50-70
Variance in diameter: (2.77-2.86)
Minimum bend radius: <10mm
Prints using current Lulzbot profiles/temps: Yes, default PLA profiles work well, could be tweaked

General Notes:
- This PLA prints well with our default settings and comes in a nice mix of colors
- Overhangs are generally worse than other PLAs
- There are reports of stripping with default PLA settings, hasn't been much of an issue in r&d
- This filament is very flexible compared to other PLAs
- There should be no issues with filament snapping

Health or environmental risks:
No known negative health or environmental danger. Dust (from sanding) can be irritating but not dangerous.

Disposal Options:
Generation of waste should be minimized, check possibility for recycling. Waste product can be incinerated or dumped together with domestic waste in compliance with local authority requirements.

Packaging can be recycled.

Recommendation: This is a decent PLA that gets rid of the brittleness of standard PLA. From the preliminary testing in R&D, prints are not of as high quality as some of the premium PLAs we have tested. This would likely be a good replacement for eSun PLA as a non-premium option.