

3D Printer Filaments

Alex Aldridge, Canada

July 2, 2023

Polymaker is the best brand and they have a wide selection of colours. Polylactic acid (PLA) thermoplastic is the most popular and most available plastic 3D printer filament. Sourceduty uses Polymaker Polyterra Matte PLA 1.75 filament for 95% of its 3D prints. Polyterra is very strong, rich coloured and can be tied into a knot because it's very malleable.

Notes:

- Most thermoplastic filament imported from China is very low quality just like Chinese 3D printers.
- Higher printing temperatures require a 3D printer enclosure.
- Most clear or transparent 3D printer filament doesn't adhere to build plates or itself very well.
- Plastic filament storage spools should be banned.
- Biodegradable 3D printer filament should be sold in stores now and not in the future.
- Glow in the dark filaments are very abrasive and wear down 3D printer nozzles quicker than normal.