

PolyFlex™

Product Information



Colour

4 True Colours
(more colours coming soon)



Recommended Printing Temp*

1.75 mm: 220 - 235 °C
2.85 mm: 220 - 235 °C



Note

1. HBP = Heated Build Plate
*. Printing temperature and speed may vary

Basic Specifications



Average Filament Diameter

1.75 mm or 2.85 mm
($< \pm 0.05$ mm, $\sim \pm 0.02$ mm typical)



Recommended Printing Speed*

30 - 90 mm/s



Recommended HBP¹ (if equipped) Temp

Not Required

Instructions

- When using PolyFlex™ for the first time, make sure the nozzle is sufficiently clean and free of other residual materials. Load the filament slowly at no less than 220 °C.
- PolyFlex™ works well with most common printing surfaces such as the blue tape, Kapton tape, BuildTak™, etc. Heated build plate (HBP) is not required.
- PolyFlex™ tends to slowly absorb atmospheric moisture, and all PolyFlex™ filaments have been properly dried before packaging and shipping. It is highly recommended that the filament, when not used, be stored in the provided resealable bag with the desiccant pack to minimize moisture absorption and to ensure the best printing performance.
- For more details or technical questions regarding the use of our products, please visit www.polymaker.com or email us at ts@polymaker.com.

PolyFlex™

Product Information

Key Features



Flexible

Make cool flexible parts without the worry of your part breaking. PolyFlex™ boasts a large strain-to-failure test result with over 400%. PolyFlex™ is truly your best tool for creating fun flexible parts.



Plug and Play

Flexible filaments are known to be difficult to work with, not any more. PolyFlex™ is designed to be compatible with almost all desktop FDM/FFF printers and requires no hardware modifications.



Flex-up Your Imagination

The soft and flexible nature of PolyFlex™ opens up a new dimension of what one can do with desktop 3D printers. Clothing, shoes, wearable's, prosthetics, the possibilities are endless.



Uncompromised Quality

With our eight step quality control process and rigorous in-house testing, you can rest assured that PolyFlex™ will produce beautiful, reliable and accurate printed parts every time.