



Innovation Simplified

PolySupport™
Product Info Sheet

PolySupport™



Twitter



Facebook

www.polymaker.com



PolySupport™

Product Information



Colour

Pearl White
(more colours coming soon)



Recommended Printing Temp*

1.75 mm: 225 - 235 °C
2.85 mm: 225 - 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*

≤ 50 mm/s



Recommended HBP¹ (if equipped) Temp

Not Required

Instructions

- PolySupport™ can be used as a dedicated support material for PolyPlus™ PLA, PolyMax™ PLA, and other PLA-based printing materials. We do not recommend using PolySupport™ with ABS.
- PolySupport™ can also be used on single-extruder printers, as both the modeling and the support material. A high infill ($> 50\%$) is generally recommended for single-extrusion printing.
- We recommend that PolySupport™ be printed at no more than 50 mm/s. This applies to the printing of rafts, infill, shells, etc.
- It is recommended to set the threshold overhang angle to 45° (so support will be generated for parts of the model with overhang angles higher than 45°), and the support density to 20% - 50%. "Dense layers" (if allowed by the slicer) are generally recommended for better surface quality.
- For more details or technical questions regarding the use of our products, please visit www.polymaker.com or email us at ts@polymaker.com.

PolySupport™

Product Information

Key Features



Quick & Easy

The secret behind PolySupport™ is the inter layer adhesion. PolySupport™ is strong enough to support the structure, while breaking away readily by hand, no power tools or complicated processes needed.



Clean Breakaway

PolySupport™ doesn't bond to your model, it supports it. This means the surface of your model is unaffected once the support has been removed.



Freedom of Creation

Never again let overhang angles over 45° escape your design. With PolySupport™ you have the freedom to explore new geometry, safe in the knowledge that PolySupport™ will work perfectly.



Single & Dual Extruders

PolySupport™ can be used on single extrusion printers as both the support and modeling material, while also used as a dedicated support material on dual extrusion printers.



Long Shelf Life

Unlike other support materials, PolySupport™ is resistant to temperature and humidity change. Store your PolySupport™ in the Polymaker resealable bag for uncompromised longevity.



Uncompromised Quality

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

Disclaimer

The information provided in this document is intended to serve as basic guidelines on how the particular product can be used. Users can adjust the printing conditions based on their needs and actual situations. It is normal for the product to be used outside of the recommended ranges of conditions. Each user is responsible for determining the safety, lawfulness, technical suitability, and disposal/recycling practices of Polymaker materials for the intended application. Polymaker makes no warranty of any kind, unless announced separately, to the fitness for any particular use or application. Polymaker shall not be made liable for any damage, injury or loss induced from the use of Polymaker materials in any particular application.

Avis aux consommateurs

Les informations contenues dans ce document sont fournies à titre indicatif sur les modalités d'utilisation du produit. L'utilisateur est libre de modifier les paramètres d'impression selon ses besoins et son environnement. Il est tout à fait normal que le produit ne soit pas utilisé en suivant toutes les conditions recommandées. Le consommateur est responsable de l'utilisation qu'il fait des produits Polymaker en regard à la sécurité, la loi, la compatibilité technique et le respect de l'environnement. Nulle garantie n'est assurée par Polymaker, sauf précisé séparément, sur la convenance des produits pour une application définie. Polymaker ne peut être tenu responsable des dommages, blessures ou pertes induits par l'utilisation de ses matériaux de quelque façon que ce soit.

Aviso Legal

La información proporcionada en este documento tiene la intención de servir como guía básica en el uso particular de los productos. Los usuarios pueden ajustar las condiciones de impresión basadas en sus necesidades y situaciones actuales. Es normal que el producto sea usado fuera de las condiciones de márgenes recomendados. Cada usuario es responsable de determinar las prácticas de seguridad, legalidad, idoneidad técnica y disposición/reciclaje de los materiales de Polymaker para su uso planificado. Polymaker no hace garantía de ningún tipo, a menos que sea anunciada por separado, para el ajuste de cualquier uso o aplicación en particular. Polymaker no es responsable de ningún daño, lesión o pérdida inducida por el uso de los materiales Polymaker en ninguna situación en particular.



Twitter



Facebook

免责声明

本说明书中的信息为特定产品的基本操作指导。用户可根据需要和实际情况调节打印条件。本产品可在推荐打印条件范围外使用且属正常现象。每个用户就 Polymaker 材料在特定应用中的安全性、合法性、技术可行性以及处理、回收利用承担责任。除非已另外公布，Polymaker 就其产品在特定使用或应用中的适用性不作任何保证。Polymaker 对于其材料在任何特定应用中引起的损害、伤害或损失不承担任何责任。

免責事項

この文書の記載内容は、特定の製品の使用方法についての基本的なガイドラインとして用いられるよう意図されています。製品の使用者は、ニーズと実際の使用状況に基づいて、プリント条件を調節することができます。推奨条件の範囲外で製品を使用することもあります。各々の使用者は、それぞれの用途のための Polymaker の材料の安全性、合法性、技術的適性、廃棄・リサイクルの選択の決定について責任を持ちます。Polymaker は、別に告知しない限り、いかなる特定の使用・用途への適切性について、いかなる種類の保証も行いません。Polymaker はいかなる特定の用途での Polymaker 製品の使用による被害、負傷、損害について法的責任を持ちません。

polymaker
Innovation Simplified

www.polymaker.com