



JIANYU

3D Printing Filaments

Hangzhou Polyful Advanced Material Co., Ltd.

Address: Building 2#, Jinpeng Road 358, Hangzhou, Zhejiang, P.R.C
E-mail: sales@polyful.cn
Website: www.polyful.cn
<https://polyful.en.alibaba.com/>



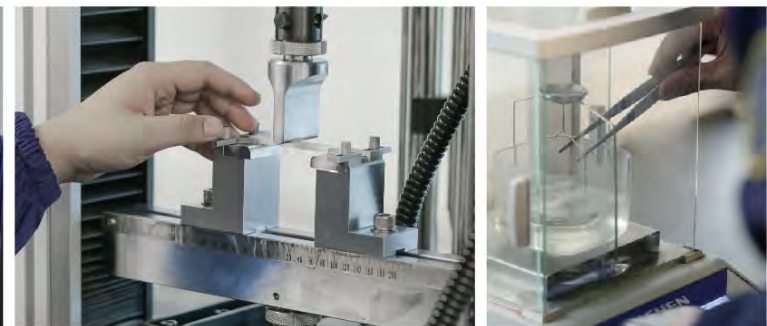
Scan the code
to learn more

Hangzhou Polyful Advanced Material Co., Ltd.

COMPANY INTRODUCTION

Hangzhou Polyful Advanced Material Co., Ltd. is a high-tech enterprise specializing in R&D, production, and sales of high-end polymer products.

Polyful was founded in 2018, with technology innovation as the core. The company focuses on R&D investment and team building, possessing domestically advanced polymer pilot test equipment and detection devices. Guided by market demand and targeting high-end polymer materials, the company collaborates intensely with the State Key Laboratory of Chemical Engineering (Zhejiang University), introducing laboratory achievements from well-known universities and research institutions, and fully utilizing the company's characteristic pilot test platform to develop a series of core technologies for preparing high-end polymer materials that integrate process, control, and specialized equipment, and organize industrialized production.



Currently, the company has successfully developed and mass-produced products for sale, including compostable plastics, thermoplastic silicone elastomers, modified engineering plastics, polyolefin-modified materials, specialty nylons, ultra-low dielectric PPO for 5G applications, 3D printing pellets and filaments, etc. Product quality has reached a nationwide leading level, and is widely used in fields such as automobile, energy, construction, home appliances, electronic appliances, etc.

3D PRINTING BRAND INTRODUCTION

【英语JIAN YU】 is the exclusive brand of POLYFUL in the 3D printing materials area, JIAN YU has the full knowledge and experience inheriting POLYFUL's polymer technology; it has more efficient and flexible advantages in R&D to provide customers with high-performance and modified 3D printing polymer solutions.

Technology-driven, advanced polymer research, production and sales company.

Committed to leading in the area of advanced polymer technologies.

Keep developing safe, pro-environment, sustainable solutions in the area of advanced polymer technologies.

Achieve the goals of low-carbon environmental protection, and promote the sustainable development of society.

杭州聚丰新材料有限公司
Hangzhou Polyful Advanced Material Co., Ltd.



VINE SERIES/ Toughened

3D Printing Filaments



- Mechanical Parts • Collectible Figures • Rehabilitation Equipment
- Daily Decorative Accessories • Electronics and Electrical Parts



【英语JIANYU】 is the exclusive brand of POLYFUL in the 3D printing materials area, JIANYU provides customers with high-performance and modified 3D printing filaments.

Vine is a product line of JIANYU, which provides a " Toughened " solution for 3D printing filaments. Its strength, durability, impact-resistance, and high bending-resistance provide greater design freedom, making it suitable for printing prototypes of mechanical parts with toughness and precision requirements.

COCOON PLA-Vine DP021001

COCOON PLA-Vine is an easy-to-print consumable that is toughened and impact-resistant, with better mechanical properties.

| Testing Items | Testing Conditions | Testing Methods | Units | Typical Values |
|-------------------------------------|--------------------|-----------------|-------------------|----------------|
| Physical Properties | | | | |
| Density | 23°C | GB/T 1033 | g/cm ³ | 1.24 |
| Melt Flow Rate | 190°C, 2.16kg | GB/T 3682 | g/10min | 6 |
| Printed Specimen Performance | | | | |
| Tensile Strength(X-Y) | 5mm/min | GB/T 1040.2 | MPa | 50 |
| Tensile Strength(Z) | 5mm/min | GB/T 1040.2 | MPa | 25 |
| Flexural Strength | 2mm/min | GB/T 9341 | MPa | 85 |
| Impact Strength, Notched | 2.75J | GB/T 1843 | kJ/m ² | 5 |



Customized Exclusive Solutions

3D Printing Filaments



Compatible with FDM Printers

"JIANYU" 3D printing filaments have excellent physical and mechanical performance and can be easily processed into shape. They are compatible with current mainstream FDM 3D printers and can be used with the equipment's built-in build plate or the specialized build plate from JIANYU. There are no special requirements, and it has wide applicability.

Colors

A wide variety of colors, special colors, and surface effects are available for customization.



Packaging Styles



TEL +86 189 5716 8005



WhatsApp contact