

# FDM TECHNOLOGY OF THE FUTURE



Turkey's largest filament producer  
with 12 types of filaments, 34  
different color choices  
and a monthly capacity of 15 tons

[www.istanbulfilament.com](http://www.istanbulfilament.com)

# WHAT IS 3D FDM?

3D FDM (Fused Deposition Modeling) technology is one of the additive manufacturing methods. This method involves creating a three-dimensional object by building it layer by layer with molten thermoplastic polymer material that comes out of a machine.

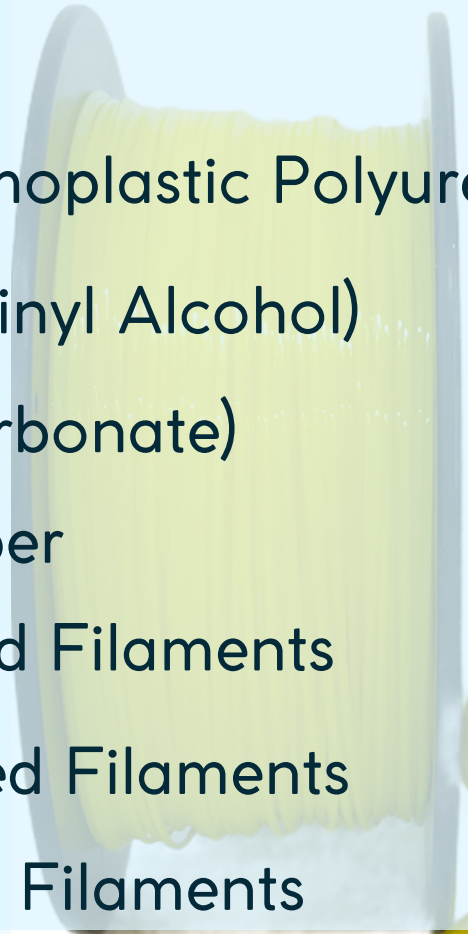
In this technology, a 3D object designed with 3D modeling software is sliced into layers and produced in a 3D printer. The printer follows a predetermined path to create layers with melted polymer material, resulting in a 3D object.

FDM technology is one of the most popular 3D printing technologies and is used for many industrial, commercial, and personal applications.



# TYPES OF FILAMENTS

- PLA (Polylactic Acid)
- ABS (Acrylonitrile Butadiene Styrene)
- PETG (Polyethylene Terephthalate Glycol)
- Nylon
- TPU (Thermoplastic Polyurethane)
- PVA (Polyvinyl Alcohol)
- PC (Polycarbonate)
- Carbon Fiber
- Metal-Filled Filaments
- Wood-Filled Filaments
- Conductive Filaments
- Glow-in-the-Dark Filaments



# WHAT MAKES US DIFFERENT?

**High Quality:** It is vital for product reliability, durability and performance during the production of quality filament. İstanbul Filament uses the latest technologies to produce high quality filaments, implements the use of strict quality control and monitors the material size.

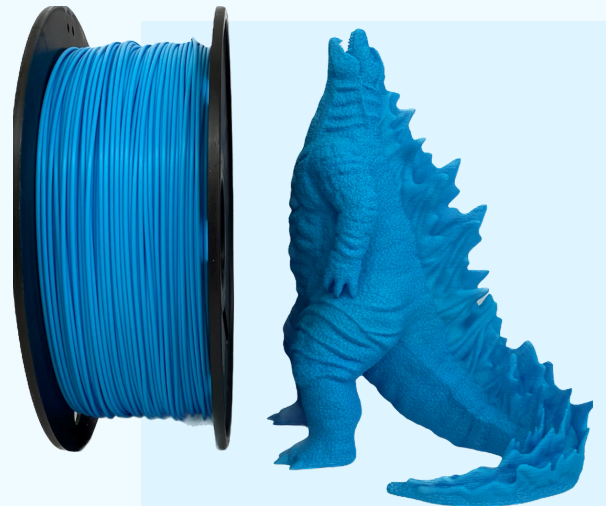
**Innovation:** The 3D printing industry is constantly evolving and new filament types and properties are emerging. İstanbul Filament constantly researches and develops and launches new products to meet the demands of its customers.

**Customer Orientation:** İstanbul Filament attaches importance to the needs and demands of its customers. It ensures customer satisfaction by establishing close communication with customers, showing flexibility in producing customized filaments, and providing a fast and reliable service.

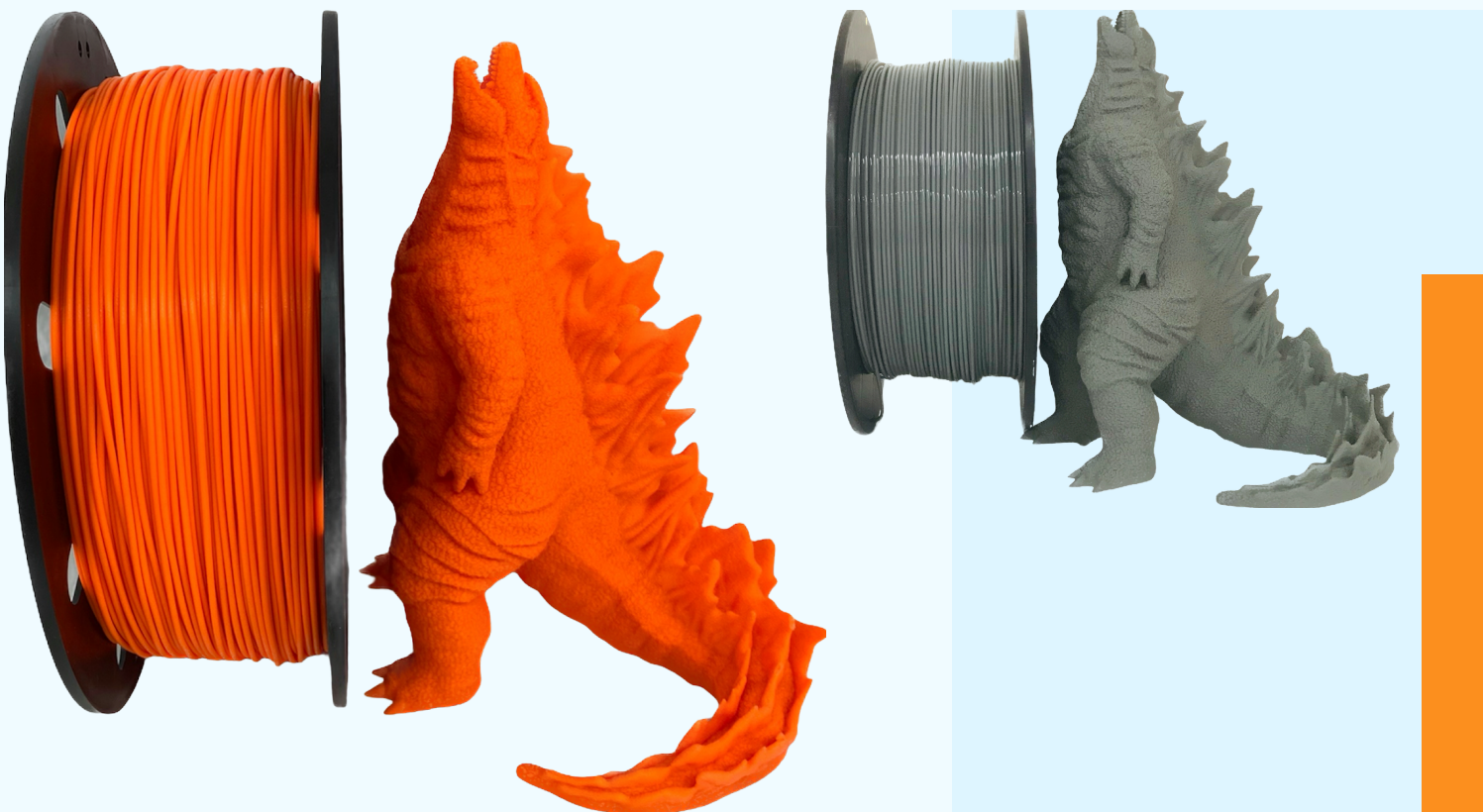
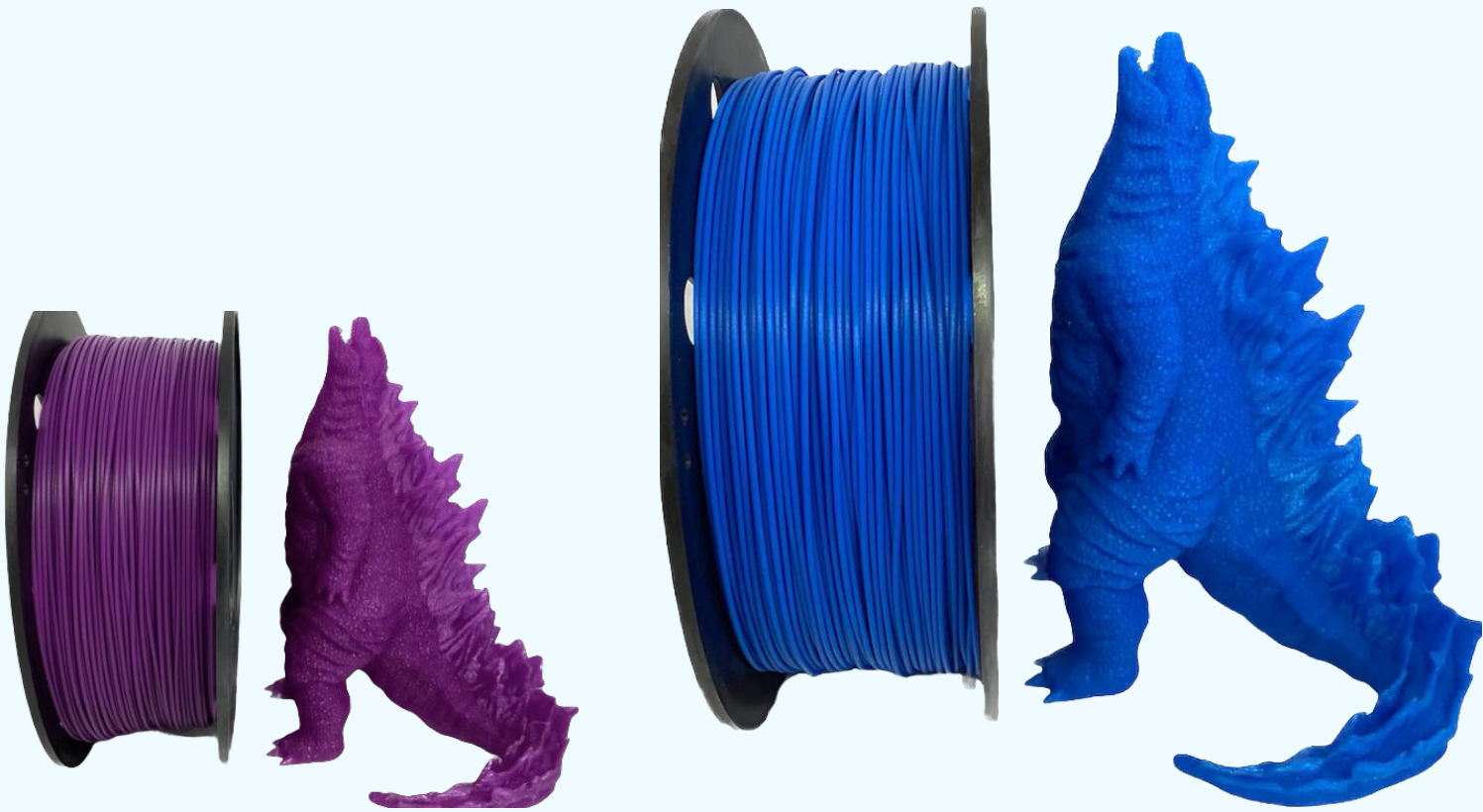
**Sustainability:** Filament production can have an impact on the environment. İstanbul Filament reduces waste by using a sustainable production process.

**Competitive pricing:** The 3D printing industry is growing and many companies are producing filaments. As İstanbul Filament, we offer competitive prices and ensure that our customers prefer 12 different filaments with 34 color options.

Here's a snapshot of some of our popular color choices



Here's a snapshot of some of our popular color choices





## CONTACT US

[www.istanbulfilament.com](http://www.istanbulfilament.com)

+90 543 922 6400

BEYSAN SANAYİ SİTESİ  
İSTANBUL / TÜRKİYE