AHPEGE-10

Anycubic PETG Solid Filament 1kg - Grey

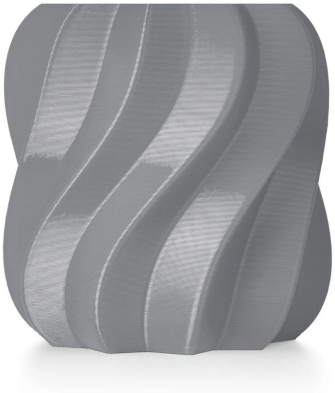
Product Overview

Anycubic PETG Solid Filament 1kg - Grey, Dry out before use required, Ace compatibility, Recommended 0.2 mm or above nozzle size, 230-250 Degrees C printing temperature, 50-250 mm/s recommended printing Speed









Specifications

Overview Summary:

The Anycubic PETG Solid Filament 1kg in Grey is a dependable choice for creating strong, durable 3D prints with excellent layer adhesion and a clean, professional finish. Designed for standard FDM 3D printers, it offers good impact, moisture and weather resistance, making it suitable for everyday functional parts, enclosures and creative projects.

Whether you're printing prototypes, hobby projects or practical components, this PETG filament delivers consistent performance and reliable print quality. Buy now and shop now to upgrade your 3D printing materials with a trusted filament that performs across a wide range of applications.

Performance tier: Mid-range

Uses: Functional parts, prototypes, enclosures, toys, decorative items, engineering models, hobby projects, fandom creations

Overview:

Reliable Grey PETG Filament for Strong and Durable 3D Prints
The Anycubic PETG Solid Filament in Grey is a dependable choice for makers, engineers, and hobbyists looking for a material that delivers greater strength than standard PLA while remaining easy to print. PETG offers an excellent balance of durability, impact resistance, and moisture resistance, making it suitable for functional components, enclosures, tools, prototypes, and everyday printed objects. Its neutral Grey colour (#97999B) provides a clean, professional appearance across a wide range of applications, while the 1kg spool is manufactured to consistent tolerances for reliable feeding and excellent layer adhesion on compatible FDM 3D printers.

Description:

Designed for users who require dependable performance, the Anycubic PETG Solid Filament produces strong, long-lasting prints that withstand regular use and challenging environments. Its combination of toughness, weather resistance, and consistent extrusion makes it an excellent material for practical parts as well as display models. For the best print quality, the filament should be dried before use, helping reduce moisture-related printing issues and ensuring smoother, more consistent results.

Features:

Why Choose Anycubic PETG Grey Filament

- Strong PETG material with excellent impact resistance
- Moisture and weather resistant for indoor and outdoor applications
- Good chemical resistance for demanding projects
- Professional solid Grey (#97999B) finish
- 1kg spool for longer print jobs
- Compatible with most standard FDM 3D printers
- Supports intelligent filament identification
- Compatible with reusable filament spools
- ACE compatible

Recommended Printing Settings
For optimal printing performance, use the following settings:

- Filament: PETG
- Nozzle temperature: 230 to 250 Degrees C
- Heated bed temperature: 60 to 70 Degrees C
- Recommended print speed: 50 to 250 mm/s
- Recommended nozzle size: 0.2mm or larger
- Dry before use: Yes
- Drying conditions: 55 to 65 Degrees C for 6 to 8 hours

Material Performance
The Anycubic PETG formulation delivers an excellent balance between strength, flexibility, and heat resistance, making it suitable for demanding applications where standard PLA may not be sufficient.

Key material properties include:

- Density: 1.23 g/cm3
- Maximum volumetric flow rate: 12 mm3/s
- Melting point: 130 Degrees C
- Vicat softening temperature: 72 Degrees C
- Heat deflection temperature (0.45 MPa): 69 Degrees C

- Tensile strength: 52 plus or minus 1 MPa
- Tensile strength (Z): 31 plus or minus 3 MPa
- Young's modulus: 1850 plus or minus 100 MPa
- Bending strength: 80 plus or minus 2 MPa
- Bending modulus: 2000 plus or minus 50 MPa
- Elongation at break: 13 plus or minus 1%
- Izod impact strength (X-Y): 45 plus or minus 2 kJ/m2
- Melt index: 25 plus or minus 3 g/10 min (250 Degrees C / 2.16kg)

Ideal Applications
The Anycubic PETG Solid Filament is suitable for a wide variety of projects, including:

- Functional mechanical parts
- Protective enclosures
- Household accessories
- Decorative models
- Toys
- Fan creations
- Engineering prototypes
- Everyday utility prints

Whether you are producing durable prototypes or practical finished products, Part Number AHPEGE-102 offers reliable printing performance with excellent strength and a clean Grey finish.

Package Contents

- 1 x Anycubic PETG Solid Filament Grey 1kg

Specifications:

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Specifications	
Product Code	AHPEGE-10
Supporting Filaments	PETG
Colour	Grey (#97999B)
Spool Size	1kg
Dry Out Before Use	Required
Drying Condition	55-65 degreesC, 6-8 h
ACE Compatibility	Compatible
Nozzle Size	Recommended 0.2 mm or above
Printing Temperature	230-250 degreesC
Heated Bed Temperature	60-70 degreesC
Recommended Printing Speed	50-250 mm/s
Maximum Volume Speed (Flow Rate)	12 mm^3/s

Density	1.23 g/cm³
Melt Index	25+/-3 g/10 min (250degreesC/2.16kg)
Melting Point Temperature	130 degreesC
Vicat Softening Temperature	72 degreesC
Heat Deflection Temperature (0.45MPa)	69 degreesC
Young's Modulus	1850+/-100 Mpa
Tensile Strength	52+/-1 Mpa
Elongation at Break	13+/-1%
Bending Modulus	2000+/-50 Mpa
Bending Strength	80+/-2 MPa
Izod Impact Strength (X-Y)	45+/-2 kJ/m²
Tensile Strength (Z)	31+/-3 MPa
Filament Type	General filaments
Recommend to Print	Toys, decorative parts, and fandom
Intelligent Identification	Supported
Reusable Filament Spool	Supported

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/AHPEGE-10-Anycubic-PETG-Solid-Filament-1kg-Grey-p-340879.php

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