

# Acrylonitrile Butadiene Styrene ABS 3D Printer Filament

This ABS filament is designed for 3D printing, providing excellent impact resistance and toughness. It is heat resistant and suitable for functional prototypes, end-use parts, and mechanical components.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance ABS Filament

This Acrylonitrile Butadiene Styrene (ABS) filament is engineered for high-quality 3D printing applications, offering superior impact resistance, toughness, and heat stability. Designed for reliability, it features a consistent diameter and roundness to ensure smooth extrusion during the printing process. It is an ideal choice for creating durable functional prototypes, end-use parts, and mechanical components using FDM technology.

## Technical Specifications

### Printing Temperatures

**220 °C**

Avg Nozzle Temp

**50 °C**

Platform Temp

|                     |                |
|---------------------|----------------|
| Wire Diameter       | 1.75 mm        |
| Diameter Tolerance  | ± 0.03 mm      |
| Compatible Printers | FDM 3D Printer |

## Physical Properties

|                     |  |
|---------------------|--|
| Available Colors    | Black, White, Sky Blue, Medium Blue, Red, Pink, Yellow, Wenbo Green, Orange, Gray, Brown |
| Spool Color         | Transparent  |
| Spool Dimensions    | 220 x 220 x 58 mm  |
| Net Weight per Roll | 1000 g   |

## Logistics & Packaging

### Bulk Packaging Specs

| Metric                  | Value                 |
|-------------------------|-----------------------|
| Quantity per Carton     | 12 rolls              |
| Carton Dimensions       | 47.5 x 42.0 x 25.5 cm |
| Net Weight per Carton   | 17.3 kg               |
| Gross Weight per Carton | 18.0 kg               |
| Outer Box Volume        | 0.05 M3               |