gembird®

3DP-ABS3-01-BK

ABS Filament Black, 3 mm, 1 kg
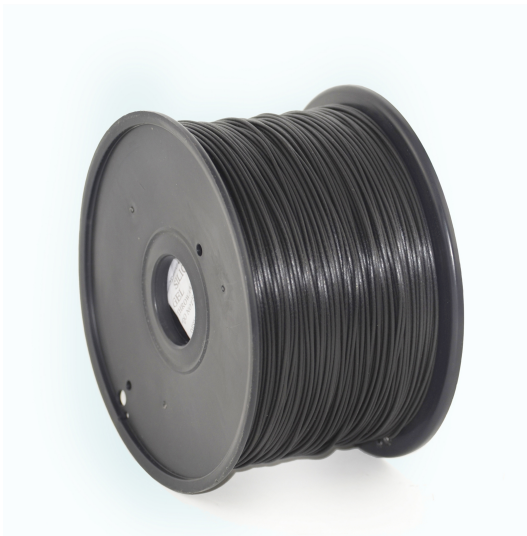
VERSATILE & EASY TO USE

- Acrylonitrile butadiene styrene (ABS) is a common thermoplastic strong and durable plastic available in a range of colors.

- ABS is the plastic used in lots of things around us and is perfect for heated plastic extrusion 3D printing.

Specifications

Material: ABS, 3 mm diameter
Weight: 1 kg/spool (2.2 lbs)
Length: approx. 140 m
Density at 21.5?C: 1.01 g/cm3
Melt Flow Index at 10min, 2.16kg: 5
Melt Point: 225 240 ?C
Heat-Deflection-Temperature at 0.455 MPa: 85 ?C
Yield Strength at 5mm/min: 45 MPa
Impact Strength: 16 KJ/m2
Ensile Break: 30 %
Diameter: 3.00 ± 0.05 mm
Spool dimensions: 200 mm diameter x 67 mm height x 53 mm central hole

Features

- High strength, good toughness
- Low density: when printing larger volume the model is lighter

- Can be applied to a variety of 3D printers

Packaging

Q'ty in crtn, pcs	12
Crtn volume, CUM	0.053
Crtn weight, kgs	15.4
Individual package size LxWxH:	180x180x110 mm
Carton size LxWxH:	380x360x385 mm
Country of origin	CN
Barcode	8716309088701
Customs code	3916909000

System requirements

A 3D printer with 3 mm extruder of temperature around 230 ?, suitable for use with ABS filament

Certificates