Suited for Intermediate Users

ABS by IC3D

3 mm , 1kg reel

IC3D ABS is the first and only Certified Open Source Hardware 3D printer filament. IC3D has published their filament production process which includes documentation on equipment used, settings and parameters, material grade, and sources.

This transparency not only shows the drive for consistency, precision, and quality, but also a committment to furthering desktop 3D printing material technology. By choosing IC3D ABS you too can help support User Freedom in the 3D printing industry.

ABS is the leading thermoplastic used in consumer electronics. 3D printed ABS objects balance strength, resilience, and heat resistance.
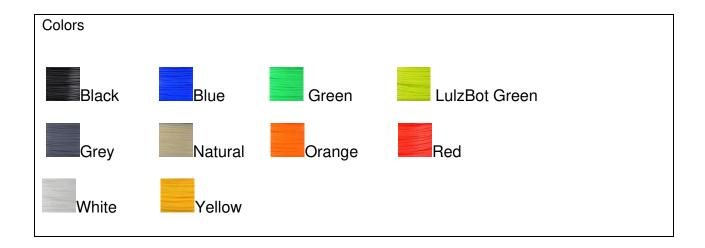
Works with: LulzBot Mini, LulzBot TAZ 6, LulzBot TAZ 5, LulzBot TAZ 1-4, LulzBot TAZ/Mini Aerostruder, LulzBot TAZ Dual Extruder, LulzBot TAZ FlexyDually, LulzBot Hexagon, LulzBot TAZ 6 Hexagon, LulzBot TAZ 5 Hexagon, LulzBot TAZ 1-4 Budaschnozzle, LulzBot Budaschnozzle

Colors

Black   Blue   Green   LulzBot Green

Grey   Natural   Orange   Red

White   Yellow

- Features

  IC3D ABS features a precise filament diameter and roundness for consistently smooth top surface finishes and fine layer stacking. Use ABS filament when your 3D printed objects need to be strong, stiff, and flexible enough to resist breaking when stressed. ABS can also be post-processed easily, either by sealing and painting or through solvent-based methods.

- Parts & Specifications

  Filament Specifications
  Filament Diameter: 3 mm (0.12 inches)

  Amount of Filament: 1 kg (2.2 lb), 5 lb (2.27 kg)

  Filament color may vary

  Printing Specifications
  Special Tool Head Requirements: LulzBot v2 All-Metal Hot End recommended

  Hot End Temperature Range: 235-245°C

  Print Surface: PEI film recommended.

  Print Surface Temperature: 95°C

  Packaging Information
  IC3D ABS filament ships vacuum sealed and mounted on a reel.