



ABS

Acrylonitrile Butadiene Styrene

Acrylonitrile Butadiene Styrene (ABS) filament is one of the most common 3D printing materials used in the 3D printing industry. Recommended for high strength applications.

Features & Benefits

- Resilient
- Heat resistance
- Durable
- Mild flexible
- Can be sanded or smoothed with additional process

Users

Intermediate

Available Sizes

- 1.75 mm
- 3 mm (Filament diameter measures 2.88 mm)

Individual Packaging Stock

- 1 kg reels
- 5 lb reels

On Request

- 0.5 kg reels
- 10 lb reels (lead time maybe longer)
- 15 lb reels (lead time maybe longer)
- 30 lb reels (lead time maybe longer)
- Coils in various weights

Full Box Packaging

- 0.5 kg reels packaged 14 to a box
- 1 kg reels packaged 12 to a box
- 5 lb reels packaged 6 to a box

*Each box contains the same material, size and color.
All filaments are vacuumed sealed with desiccant.*

Standard Colors

- Natural
- Black
- White
- Red
- Yellow
- Green
- Orange
- Blue

See ABS color chart for more available options

Tolerances

+ 0.003" / -0.003"

Recommended Printer Specifications

- Optimal Print Temp: 230°C – 250°C
- Optimal Bed Temp: 110°C (PEI film recommended)

Quality

All Keene Village Plastics 3D printer filaments are manufactured in Barberton, Ohio, USA with top quality raw materials and **3-Axis** laser-controlled precision providing the highest class of products for the 3D printing industry.



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COLOR CHART

ABS

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Color Name & Pantone (If available)	KVP Color Number
Black	511
Polar White	606
White (Cool Gray 1C)	580
Industrial Gray	553
Tan (Pantone 721C)	586
Dark Brown (Pantone 732C)	589
Light Brown (Pantone 154U)	591
Gold	590.1
Metallic Gold	597
Silver (Pantone 877C)	595
Silver Metallic (Pantone 10105C)	596
Bronze	598
Yellow (Pantone 129C)	601.1
Yellow (Pantone 398C)	616
Pale Yellow	601.2
Green(Pantone 369)	541.7
Green (Pantone 349C)	602.1
Grass Green	544.1
Olive Green (Pantone 5743C)	602.2
Forest Green	602.4
Glow in the Dark	534
Glow in the Dark Blue	534.1
Glow in the Dark Green	534.2
Fluorescent Pink	538.4
Fluorescent Yellow	538.5
Fluorescent Green (Pantone 802C)	543
Safety Orange (Pantone 021C)	537
Agate Orange (Pantone 805C)	940
Purple (Pantone 2587C)	607
Hot Pink Jade (Pantone 806C)	961
Magenta	557
Red (Pantone 200C)	603.2
Teal (Pantone 320C)	571.2
Turquoise Blue (Pantone 2995C)	922
Navy Blue	605.6
Blue (Pantone 285C)	605.11

Custom color matching is also available.



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