



ARROW LABS

3D PRINTER FILAMENTS

ABS

Extruder: 230°C
Bed: 110°C

Acrylonitrile Butadiene Styrene (ABS)

ABS is a high strength, flexible thermoplastic suitable for printing objects which may be used in high temperature or industrial settings. Due to its high glass transition temperature, a heated bed is required to successfully print with ABS. For the best results when printing with ABS, a fully enclosed print bed is recommended.

Specs:

Tensile Strength at Break: 5800 PSI

Yield Strength: 6520 PSI

Tensile Elongation: 2.6%

Notch Izod Impact: 1.12 ft-lb/in

Nominal Outer Diameter: 1.75/2.88

Outer Diameter Tolerance: ± 0.08 mm

Ovality: < 0.05 mm

Spool Weight: 2.2lbs (1kg)

Available Colors in ABS:



Natural



Neon
Orange



White



Yellow



Silver



Dark
Blue



Red



Black



Light
Blue



Light
Green



Brown



Purple

Part Number Format:

[Color ID][Material]-[Diameter]

Color IDs

BLK: Black

BRN: Brown

DRKBL: Dark Blue

PUR: Purple

LTBL: Light Blue

LTGRN: Light Green

NAT: Natural

NEOR: Neon Orange

NEBLU: Neon Blue

NEYEL: Neon Yellow

NEGRN: Neon Green

RED: Red

SILV: Silvery Grey

WHT: White

YEL: Yellow

BLKRAS: Black Raspberry

REDDEL: Red Delicious

ROTAN: Rose Tan

TEAL: Rich Teal

GOLD: Gold

MAG: Magenta

TRRED: Transparent Red

TRBL: Transparent Blue

TRGRN: Transparent Green

Materials

ABS

PLA

PETg

TPU

Diameters

175 – 1.75mm

288 – 2.88mm

Samples

Samples are denoted with -[length] after a full part number.