

ABS 3D Printer Filament

- High performance Acrylonitrile Butadiene Styrene (ABS).
- To be used with widely available fused filament fabrication (FFF) 3D printers.
- Highly durable and more flexible than PLA, it offers good heat resistance and a smooth finish.
- Best results are obtained with printers having a heated build platform.



Retail Box Solution

- Descriptions in 15 languages
- Convenient hand grip. Can also be used to hook onto retail displays.
- Delivered in a vacuum bag, with desiccant, wound onto a bespoke Verbatim reel.

ABS Product Specifications

Diameter accuracy	2.90 mm ± 0.03 mm 1.75 mm ± 0.02 mm
Extrusion temperature	230 - 240 °C
Material Net Weight	1.00 kg
Filament Length :	70 m (for 2.85mm thickness) 404 m (for 1.75mm thickness)

	Black, White, Grey Blue, Red, Green	Transparent
Density	1.05 g/cm ³	1.08 g/cm ³
Tensile Yield	48 MPa	42 MPa
Flexural Strength	76 MPa	61 MPa
Flexural Modulus	2.2 GPa	2.1 GPa
Impact Strength (Charpy)	20 KJ/m ²	12 KJ/m ²
Heat Distortion Temperature (HDT)	98 °C	99 °C
Molding Shrinkage	0.3 - 0.7%	N/A

55010	Verbatim ABS Filament 1.75mm 1kg - Black	55017	Verbatim ABS Filament 2.85mm 1kg - White
55011	Verbatim ABS Filament 1.75mm 1kg - White	55018	Verbatim ABS Filament 2.85mm 1kg - Black
55012	Verbatim ABS Filament 1.75mm 1kg - Blue	55019	Verbatim ABS Filament 2.85mm 1kg - Transparent
55013	Verbatim ABS Filament 1.75mm 1kg - Red		
55014	Verbatim ABS Filament 1.75mm 1kg - Green		
55015	Verbatim ABS Filament 1.75mm 1kg - Transparent		
55016	Verbatim ABS Filament 1.75mm 1kg - Silver/Metal Grey		



PLA 3D Printer Filament

- High performance Polylactic Acid (PLA), a partially degradable bio-polymer derived from plants.
- To be used with commonly available FFF-type 3D printers.
- Heated build platform not required.



Retail Box Solution

- Descriptions in 15 languages
- Convenient hand grip. Can also be used to hook onto retail displays.
- Delivered in a vacuum bag, with desiccant, wound onto a bespoke Verbatim reel.

PLA Product Specifications

Diameter accuracy	2.90 mm ± 0.03 mm 1.75 mm ± 0.02 mm
Extrusion temperature	200 - 220 °C
Material Net Weight	1.00 kg
Filament Length :	119 m (for 2.85 thickness) 334 m (for 1.75mm thickness)
Density	1.24 g/cm ³
Tensile Strength	15-21 kpsi
Tensile Modulus	500 - 550 kpsi
Melting Point	155-170 °C

55276 PLA 2.85mm 1kg - Black

55277 PLA 2.85mm 1kg - White

55278 PLA 2.85mm 1kg - Blue

55279 PLA 2.85mm 1kg - Red

55280 PLA 2.85mm 1kg - Green

55281 PLA 2.85mm 1kg - Yellow

55282 PLA 2.85mm 1kg - Natural Transparent

55283 PLA 2.85mm 1kg - Silver/Metal Grey

55267 PLA 1.75mm 1kg - Black

55268 PLA 1.75mm 1kg - White

55269 PLA 1.75mm 1kg - Blue

55270 PLA 1.75mm 1kg - Red

55271 PLA 1.75mm 1kg - Green

55272 PLA 1.75mm 1kg - Orange

55273 PLA 1.75mm 1kg - Yellow

55274 PLA 1.75mm 1kg - Natural Transparent

55275 PLA 1.75mm 1kg - Silver/Metal Grey

