ABS Filament

- High performance Acrylonitrile Butadiene Styrene (ABS) filament.
- To be used in widely available fused filament fabrication (FFF) 3D printers.
- Highly durable with excellent heat resistance.
- Responds well to sandpaper treatment.
- Best results are obtained with printers having a heated build platform.
- Commonly used for industrial modeling, gadgets and figurines.



*Note: Specification values are for reference only and not intended as a warranty of any kind.

Product Specifications		Test Method
Diameter accuracy	1.75 mm ± 0.05 mm 2.90 mm ± 0.09 mm	
Extrusion temperature	230 °C - 240 °C	
Bed temperature	70 °C - 100 °C	
Material Weight	1.00kg	
Filament Length	1.75mm - 404 m 2.85mm - 144 m	
Density	1.05 g/cm^3	ISO1183
Viscat soltening temperature	104 °C	ISO306
Flexural strength	76 MPa	ISO178
Flexural modulus	2200 MPa	ISO178
Impact strength (Charpy)	21 KJ/m^2	ISO179 (23 °C)
Tensile strength	47 MPa	ISO527 (break)
Tensile elongation	30%	ISO527 (50mm/min)

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3D

ABS Filament

Colour	Part Number		PANTONE® ref.*	Diameter	Weight
Black	55010		Black Process	1.75 mm	1 kg
White	55011		White Process	1.75 mm	1 kg
Blue	55012		PMS 072	1.75 mm	1 kg
Red	55013		PMS 485	1.75 mm	1 kg
Green	55014		PMS 363	1.75 mm	1 kg
Transparent	55015		Clear	1.75 mm	1 kg
Silver/Metal Grey	55016		PMS 877	1.75 mm	1 kg
White	55017		White Process	2.85 mm	1 kg
Black	55018		Black Process	2.85 mm	1 kg
Transparent	55019		Clear	2.85 mm	1 kg

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