

Filament For 3D Printers multicomp^{PRO}

RoHS
Compliant



Description

ABS+HS is a modified version of ABS material. Compared to conventional ABS, it exhibits lower shrinkage and superior interlayer adhesion, reducing the likelihood of warping and cracking during printing. It contains low VOC (Volatile Organic Compounds) components, resulting in a reduced odor during the printing process, making it more comfortable and stress-free. This material is optimized for high-speed printing, maintaining its performance even at higher speeds, providing an excellent printing experience. Additionally, it can be acetone polished to eliminate layer lines and further enhance the print quality.

Features:

- Heat resistance
- Low odor
- Low shrinkage rate
- Strong performance and toughness
- Heat resistance
- Low odor
- Low shrinkage rate
- Strong performance and toughness

Applications

- Machine
- Mold
- Toy
- Electrical and electronic appliances
- Car

Specification	
3D PRINTING FILAMENT	ABS+HS
Density(g/cm ³)	1.04
Heat Distortion Temp (°C, 0.45MPa)	89
	9/10
Melt Flow Index (g/10min)	6(220°C/10kg)
Tensile Strength (MPa) (Z)	28
Elongation at Break (%) (Z)	3.9
Flexural Strength(MPa) (xY)	46
Flexural Modulus(MPa) (XY)	1477
IZOD Impact Strength(kJ/m ²) (XY)	20
Durability	8/10
Printability	8/10
Extruder Temperature	230°C to 270°C Recommended Temperature 240°C
Bed temperature	100°C to 110°C
Fan Speed	0%

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Printing Speed	50 - 300mm/s
Heated Bed	Required
Recommended Build Surfaces	High Temperature Tape, PVP Solid Glue
Form	Filament
Processing method	3D Print, FDM Print

Part Number Table

Description	Part Number
ABS HS Filament, 1.75mm, Black, 1Kg	MP013911
ABS HS Filament, 1.75mm, White, 1Kg	MP013912

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