



## ABS High Flow Filament

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### **Description**

High melt flow index  
Maximized bond strength between layers  
High toughness  
Long nozzle life

### **Application**

High temperature and strength applications on FDM production

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### **Processing Guide**

Nozzle Temperature (°C)	230-260
Heated bed temperature (°C)	80
Adhesive on build plate	Required
Printing environment	Closed Chamber

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### **Diameters and Tolerances**

Dia. 1.75 mm	±0.04 mm
Dia. 2.85 mm	±0.05 mm

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### **Physical Properties**

Density (g/cm <sup>3</sup> )	1.04
Melt Flow Rate (g/10min)	(test cond.- 220°C/10kg) 21

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### **Mechanical Properties**

Tensile Strength-Yield (MPa)	45
Tensile Elongation (%)	40
Flexural Strength (MPa)	72
Rockwell Hardness (R-scale)	108

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### **Thermal Properties**

Heat Deflection Temperature (°C)	87-91
Flammability	HB

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### **Electrical Properties**

CTI (Volts)	Solution A	0
Arc Resistance (Ohm.cm)	23 °C	6

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