

ABS250

ABS250 is a rapid production material designed to perform with a heated print bed, regardless of build platform. Engineered to combine exceptional print resolution and increased impact resistance. Optimised for rapid printing, ABS250 is perfect for prototyping, fit testing or creating durable end-use products.

ABSFilament

ABS250

Technical Specification Sheet 1/11/16

Physical Properties

	Metric
Filament Diameter	1.75mm
Filament Average Diameter Tolerance	±0.02mm - ±0.03 mm
Plastic Density (g/cm ³ , @25°C)	1.05 g/cm ³

Thermoplastic Properties

	Metric	Imperial
Melt Flow (10kg, @220°C)	18g/10min	0.63 oz/10min

Tensile Properties

	Metric	Imperial
Tensile Strength	47MPa	6817psi

Impact Strength

	Metric	Imperial
Impact Strength (Izod Impact Test)	19 kJ/m ²	9.04 ft-lb/in ²

Thermal Properties

	Metric	Imperial
Suggested Extruder Temperature	240°C - 250°C	464°F - 482°F
Suggested Bed Temperature	80°C - 100°C	176°F - 212°F