

## TECHNICAL DATE SHEET

ABS AV0

### PROPERTIES

PROPERTIES	VALUE	METOD AND CONDICTION	
PHYSICAL & MECHANICAL	Density	1,19 g/cm <sup>3</sup>	ASTM D792
	IZOD Impact Strength, 3.2mm	25 kg-cm/cm	ASTM D256
	Melt Flow Rate	6 g/10min	ASTM D1238
	Tensile strength	430 kg/cm <sup>2</sup>	ASTM D638
	Tensile Modulus	22'000 kg/cm <sup>2</sup>	ASTM D638
	Flexure Strength	680 kg/cm <sup>2</sup>	ASTM D790
THERMAL	Heat Deflection Temperature	95 °C	ASTM D648
	Viscat Softening Temperature	94 °C	ASTM D1525
	<b>Flammability:</b>	<b>UL94</b>	
	1.5mm class V-0	V-0 Class	
	2.0mm class V-0,5VA	V-0,5VA Class	
3.0mm class V-0,5VA	V-0,5VA Class		

### SUGGESTED PRINTER SETTING

	VALUE	UNIT
Extruder Temperature	240 - 260	°C
Print Speed	30 -50	mm/s
Bed Material	80 - 100	°C
Drying Temperature	70 - 80 ° C for 2-4 hr	

### PRODUCT DETAILS & CERTIFICATION

Diameter	1,75 mm 2,85 mm	Tolerance ± 0,05mm Tolerance ± 0,10mm
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