

TECHNICAL DATE SHEET

n-ASA

PROPERTIES

PROPERTIES	VALUE	METOD AND CONDICTION	
PHYSICAL & MECHANICAL	Density	1.07 g/cm ³	ASTM D792
	Rockwell Hardness	103 R-Scale	D790
	IZOD Impact Strength, 3.2mm	18 / 4 kg·cm/cm	ASTM D256 23°/ -30°C
	Tensile strength	480 kg/cm ²	ASTM D785
	Tensile Modulus	21,2 kg/cm ²	D882
	Tensile Elongation	0,06	yeald
	Tensile Elongation	0,25	break
THERMAL	Melt flow rate	12 g/10min	ASTM D1238 220°C/10kg
	Heat Deflection Temperature	96°C	ASTM D648 4,6Kg
	Vicat Softening Temperature	95°C	ASTM D1525
	Flammability:		
	Burging Rate	ND	
	Flame Rating	Class HB	UL94

SUGGESTED PRINTER SETTING

	VALUE	UNIT
Extruder Temperature	230 – 250	°C
Print Speed	40 – 120	mm/sec
Bed Material	70 – 110	°C

PRODUCT DETAILS & CERTIFICATION

Diameter	1,75 mm 2,85 mm	Tolerance ± 0,05mm Tolerance ± 0,10mm
REACH compliant		ND
FDA compliant		ND
ROHS certified		ND

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