



SUGGESTED PRINT SETS (1)			
Suggested print sets	unit	value	test method
extruder temp	°C	235-255	internal
plate temp	°C	90-110	internal
min. nozzle diameter	mm.	0.4	internal
fan	%	0-20	internal
print speed	mm/l°	60-70	internal
PROPERTY			
Physical			
Specific gravity	g/cm ³	1.8	ASTM D792
Mechanical at 23°C / 50% rh			
Tensile strength at yield	kg/cm ²	410	ASTM D638
Flexural modulus	kg/cm ²	19,500	ASTM D790
IZOD impact strength (23°C)	kg · cm/cm	45	ASTM 256
IZOD impact strength (-30°C)	kg · cm/cm	6	ASTM 256
Thermal			
Heat deflection	°C	96	ASTM D648
Vicat softening temp.	°C	94	ASTM D1525

Disclaimer

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ADDITIONAL INFORMATIONS

In general filaments made with UV729 (ASA) can be processed on conventional 3D printer using FDM / FFF technology.

UV729 is a special ASA polymer developed for 3D printing and to obtain best results we recommend pre drying the filaments at 70° for 2 h. Increase drying time for spools up 1 kg.

Don't leave the filament stopped inside the nozzle more than 20 min. If that down the temperature under 210°, better stop the thermal control.

(1) Suggested print set merely represent a recommendation for general use . Every printer necessity a specific set , nozzle temp, bed temp, etc .

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