



SUGGESTED PRINT SETS (1)			
Suggested print sets	unit	value	test method
extruder temp	C°	235-250	internal
plate temp	C°	30-60	internal
min. nozzle diameter	mm.	0,3	internal
fan	%	0-70	internal
print speed	mm/l°	30-40	internal
PROPERTY			
Physical			
Specific gravity	g/cm3	0.96	ISO 1183
Mechanical			
Tensile modulus	MPa	1450	ISO 527
Tensile stress at Yield	MPa	30	ISO 527
Tensile strain at Yield	%	7	ISO 527
Charpy impact (23°C)	kJ/m ²	4.0	ISO 179
Charpy impact (-30°C)	kJ/m ²	4.5	ISO 179
Thermal			
Vicat softening temp.	°C	74	ISO 306
Hardness			
Shere hardness	D	61	ISO 868

Disclaimer

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ADDITIONAL INFORMATIONS

In General filaments made with E-lene can be processed on conventional 3D printer using FDM / FFF technology.

E-lene is a PEHD developed for 3D printing, as all polyolefin no need to be dried before use.

Don't leave the filament inside the printer with hot extruder for more than 1 hour.

(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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