

Suggested printed sets (i)	Unit	Value	Test method
Extruder temp	°C	230-250	Internal
Plate temp	°C	60-90	Internal
Min. nozzle diameter	mm.	0,5	Internal
Fan	%	0-40	Internal
Print speed	mm/s	40-50	Internal

Property	Unit	Value	Test method
<b>Physical</b>			
Specific gravity	g/cm <sup>3</sup>	1,08	ISO 1183-3
Water absorption	%	<0,1	ISO 62
<b>Mechanical</b>			
Tensile strength	MPa	120	ISO 527
Elongation at maximum force	%	5,3	ISO 527
Modulus of elasticity	GPa	9	ISO 527
Flexural strength	MPa	170	ISO 178
Flexural elongation at max. force	%	6,9	ISO 178
Flexural modulus	GPa	72	ISO 778
Charpy strength	kJ/m <sup>2</sup>	65	ISO 179 IeU
Charpy impact strength, notched	kJ/m <sup>2</sup>	18	ISO 179 IeA
<b>Thermal</b>			
Continuous service temp.	°C	93	IEC 60216
Service temp.	°C	140	-
<b>Electrical</b>			
Insulation resistance strip electrode	Ω	≤106	DIN IEC 60167
Surface resistance	Ω	≤106	DIN IEC 60093

- Generalmente I filamenti fatti con Nylon Carb (nylon+carbon fiber) possono essere utilizzati con convenzionali stampanti 3D utilizzando la tecnologia FDM / FFF.
- Nylon Carb è uno speciale poliammide rinforzato con fibra in carbonio sviluppato per la stampa 3D, per ottenere il miglior risultato, consigliamo un essiccazione del filamento a 75 °C per 6-10 h oppure a 105 °C per 4 h.
- Non lasciare il filamento fermo all'interno dell'ugello per più di 20 min. Nel caso succeda abbassare la temperatura sotto i 210°C e fermare il controllo termico.

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