

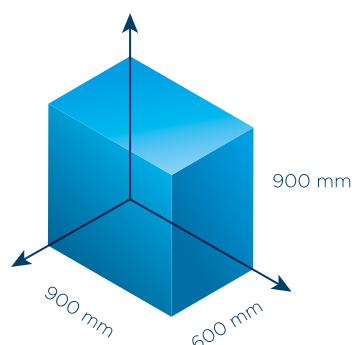
NYLON 6

MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	67.6 MPa	9,800 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2,232 MPa	323,700 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	38%	38%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	97,20 MPa	14,100 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	2,196 MPa	318,500 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	106 J/m	2.0 ft-lb/in

THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT)@264psi	ASTM D648	93°C	199°F
Flame resistance	UL94	HB	HB

MAX PRINT SIZE:

900 x 600 x 900 mm



SLICING			
0,12	0,17	0,25	0,33
		✓	✓

SUPPORT	
Solubile	Removibile
✓	

Manufacturing tolerances :

+/- 0,2 mm up to 50 mm

+/- 0,05 mm each 25 mm following

STRATASYS FDM NYLON6

It combines the strength of the resin ULTEM9085 with the resistance characteristics of NYLON12.

Through our FDM systems it's possible to realize monolithic prototypes of big dimensions with all the benefits that rapid prototyping offers.

KEY:

N.A. not applicable.

NOTES:

Available colours: black.

The data presented are only for informative purpose, they aren't official.

For further information please contact Spring S.r.l +39 0444 557570 or visit our website www.springitalia.com.

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