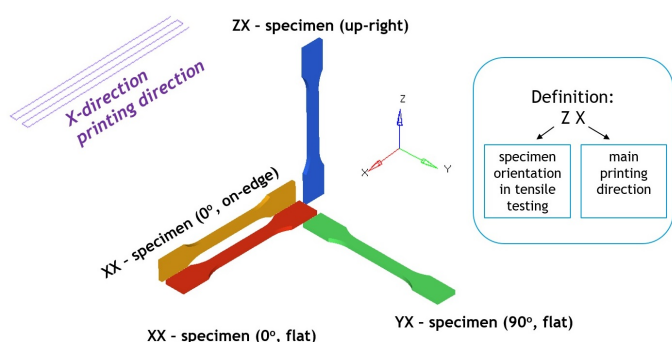


Novamid® ID1070 (F)

PA6 copolymer

3D printing grade



Properties	Typical Data	Unit	Test Method
Mechanical properties (injection molded)	dry / cond		
Tensile modulus	2590 / 710	MPa	ISO 527-1/-2
Yield stress	77 / 40	MPa	ISO 527-1/-2
Yield strain	4.2 / 26	%	ISO 527-1/-2
Stress at break	47 / 48	MPa	ISO 527-1/-2
Strain at break	>50 / >50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N / -	kJ/m ²	ISO 179/1eU
Thermal properties	dry / cond		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Thermal properties (injection molded)	dry / cond		
Temp. of deflection under load (1.80 MPa)	54 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	104 / *	°C	ISO 75-1/-2



Novamid[®] ID1070 (F)

Properties	Typical Data	Unit	Test Method
Other properties	dry / cond		
Water absorption	12 / *	%	Sim. to ISO 62
Humidity absorption	3.5 / *	%	Sim. to ISO 62
Density	1120 / -	kg/m ³	ISO 1183

