

Novamid® ID 1030

PA6/66

3D printing grade

Print Date: 2018-10-03

Properties	Typical Data	Unit	Test Method
Thermal properties			
	dry / cond		
Melting temperature (10°C/min)	200 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	51 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	84 / *	°C	ISO 75-1/-2
Other properties			
	dry / cond		
Water absorption	13 / *	%	Sim. to ISO 62
Humidity absorption	3.8 / *	%	Sim. to ISO 62
Density	1110 / -	kg/m ³	ISO 1183
Material specific properties			
	Value		
Maximum tensile stress (3D printed tensile bars) 45°-45°	37	MPa	ISO 527-1/-2
Tensile modulus (3D printed tensile bars) 45°-45°	860	MPa	ISO 527-1/-2
Elongation at break (3D printed tensile bars) 45°-45°	110	%	ISO 527-1/-2

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