

Novamid[®] 3021G10 NA99001

PA66–GF10

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
MECHANICAL PROPERTIES			
	<i>DRY / COND</i>		
Tensile modulus	5500 / –	MPa	ISO 527–1/–2
Stress at break	116 / –	MPa	ISO 527–1/–2
Strain at break	2.6 / –	%	ISO 527–1/–2
Charpy impact strength (+23°C)	30 / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	260 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	236 / *	°C	ISO 75–1/–2
Temp. of deflection under load (0.45 MPa)	258 / *	°C	ISO 75–1/–2
ELECTRICAL PROPERTIES			
	<i>DRY / COND</i>		
Comparative tracking index	* / 600	V	IEC 60112
OTHER PROPERTIES			
	<i>DRY / COND</i>		
Density	1200 / –	kg/m ³	ISO 1183