

Novamid[®] 1010GN2–15Z BK701

PA6–GF15 FR(17)

15% Glass Reinforced, Flame Retardant, Easy Molding Grade, Injection Molding, High Flow

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<i>RHEOLOGICAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Molding shrinkage (parallel)	0.3 / *	%	ISO 294–4
Molding shrinkage (normal)	1.1 / *	%	ISO 294–4
<i>MECHANICAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Stress at break	118 / –	MPa	ISO 527–1/–2
Strain at break	2.5 / –	%	ISO 527–1/–2
Flexural modulus	6000 / 4200	MPa	ISO 178
Flexural strength	175 / 130	MPa	ISO 178
Charpy notched impact strength (+23°C)	6.5 / 8	kJ/m ²	ISO 179/1eA
<i>THERMAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	205 / *	°C	ISO 75–1/–2
Temp. of deflection under load (0.45 MPa)	220 / *	°C	ISO 75–1/–2
<i>OTHER PROPERTIES</i>			
	<i>DRY / COND</i>		
Humidity absorption	1.6 / *	%	Sim. to ISO 62
Density	1480 / –	kg/m ³	ISO 1183