

Novamid[®] 1010GN2-15 NAT

PA6-GF15 FR(17)

15% Glass Reinforced, Flame Retardant, 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	122 / -	MPa	ISO 527-1/-2
Strain at break	2.5 / -	%	ISO 527-1/-2
Flexural modulus	6000 / 4500	MPa	ISO 178
Flexural strength	180 / 140	MPa	ISO 178
Charpy impact strength (+23°C)	30 / 50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7 / 9	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	1.7 / *	%	Sim. to ISO 62
Density	1480 / -	kg/m ³	ISO 1183