

Novamid® 1010GN2-15 NAT

PA6-GF15 FR(17)

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

Print Date: 2018-12-13

Properties	Typical Data	Unit	Test Method
Rheological properties			
	dry / cond		
Molding shrinkage (parallel)	0.3 / *	%	ISO 294-4
Molding shrinkage (normal)	1.1 / *	%	ISO 294-4
Mechanical properties			
	dry / cond		
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
Thermal properties			
	dry / cond		
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
Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	IEC 60695-11-10
Other properties			
	dry / cond		
Humidity absorption	1.7 / *	%	Sim. to ISO 62
Density	1480 / -	kg/m ³	ISO 1183