

Novamid[®] 1010GN2–15 NAT

PA6–GF15 FR(17)

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

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES			
	<i>DRY / COND</i>		
Molding shrinkage (parallel)	0.3 / *	%	ISO 294–4
Molding shrinkage (normal)	1.1 / *	%	ISO 294–4
MECHANICAL PROPERTIES			
	<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
THERMAL PROPERTIES			
	<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
OTHER PROPERTIES			
	<i>DRY / COND</i>		
Humidity absorption	1.7 / *	%	Sim. to ISO 62
Density	1480 / –	kg/m ³	ISO 1183

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