

Novamid[®] 1015G50 NA/BK37

PA6–GF50

50% Glass Reinforced, Injection Molding

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<i>MECHANICAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Tensile modulus	15000 / –	MPa	ISO 527–1/–2
Stress at break	230 / –	MPa	ISO 527–1/–2
Strain at break	4.1 / –	%	ISO 527–1/–2
Flexural modulus	16000 / –	MPa	ISO 178
Flexural strength	370 / –	MPa	ISO 178
Charpy impact strength (+23°C)	105 / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	20 / –	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
<i>OTHER PROPERTIES</i>			
	<i>DRY / COND</i>		
Humidity absorption	1.4 / *	%	Sim. to ISO 62
Density	1570 / –	kg/m ³	ISO 1183