

# Novamid® 1015G50 NA/BK37

## PA6-GF50

50% Glass Reinforced, Injection Molding

Print Date: 2018-12-13

Properties	Typical Data	Unit	Test Method
<b>Mechanical properties</b>	dry / cond		
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 <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	20 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>	dry / cond		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
<b>Other properties</b>	dry / cond		
Humidity absorption	1.4 / *	%	Sim. to ISO 62
Density	1570 / -	kg/m <sup>3</sup>	ISO 1183