

Novamid[®] 1015G50 NA/BK37

PA6—GF50

50% Glass Reinforced, Injection Molding

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	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 ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	20 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
	DRY / COND		
Humidity absorption	1.4 / *	%	Sim. to ISO 62
Density	1570 / –	kg/m ³	ISO 1183

