

# Novamid® 1010GN7-20 BK37

## PA6-GF20 FR(30)

20% Glass Reinforced, Flame Retardant, Halogen free

Print Date: 2018-12-13

Properties	Typical Data	Unit	Test Method
<b>Mechanical properties</b>	dry / cond		
Tensile modulus	5400 / 3200	MPa	ISO 527-1/-2
Stress at break	77 / 45	MPa	ISO 527-1/-2
Strain at break	4 / 8	%	ISO 527-1/-2
Flexural modulus	4000 / 1500	MPa	ISO 178
Flexural strength	120 / 50	MPa	ISO 178
Charpy impact strength (+23°C)	45 / 45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	2 / 5	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>Electrical properties</b>	dry / cond		
Comparative tracking index	600 / -	V	IEC 60112
<b>Other properties</b>	dry / cond		
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1290 / -	kg/m <sup>3</sup>	ISO 1183