

# Novamid<sup>®</sup> 1010GN7-20 BK37

## PA6-GF20 FR(30)

20% Glass Reinforced, Flame Retardant, Halogen free

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>MECHANICAL PROPERTIES</b>			
	<i>DRY / COND</i>		
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>			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
<b>ELECTRICAL PROPERTIES</b>			
	<i>DRY / COND</i>		
Comparative tracking index	600 / -	V	IEC 60112
<b>OTHER PROPERTIES</b>			
	<i>DRY / COND</i>		
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1290 / -	kg/m <sup>3</sup>	ISO 1183

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