

## Akulon® N24-G6

## PA6-GF30

30% Glass Reinforced

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Properties	Typical Data	Unit	Test Method
<b>Mechanical properties</b> dry / cond			
Tensile modulus	9300 / -	MPa	ISO 527-1/-2
Stress at break	150 / -	MPa	ISO 527-1/-2
Strain at break	2.5 / -	%	ISO 527-1/-2
Charpy impact strength (+23°C)	62 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	9 / -	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
Temp. of deflection under load (1.80 MPa)	200 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	220 / *	°C	ISO 75-1/-2
<b>Other properties</b> dry / cond			
Water absorption	6.3 / *	%	Sim. to ISO 62
Humidity absorption	1.9 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m <sup>3</sup>	ISO 1183