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**NYLFOR B2 GF/30 H1 NATURAL - PA6**


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**Description**


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PA 6, standard viscosity, 30% glass fiber reinforced, heat-stabilized

<b>Physical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1360 / 0</b>	kg/m <sup>3</sup>	ISO 1183
Melt flow rate, MFR	<b>8</b>	g/10min	ISO 1133

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile modulus	<b>9000 / -</b>	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	<b>170 / -</b>	MPa	ISO 527-2/1A
Tensile strain at break, 5mm/min	<b>3.5 / -</b>	%	ISO 527-2/1A
Flexural modulus, 23°C	<b>9000 / -</b>	MPa	ISO 178
Flexural stress at max. force	<b>250 / -</b>	MPa	ISO 178
Izod impact notched, 23°C	<b>13 / -</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
DTUL at 1.8 MPa	<b>205 / *</b>	°C	ISO 75-1, -2
DTUL at 0.45 MPa	<b>210 / *</b>	°C	ISO 75-1, -2