

NYLFOR B2 GF/30 H1 NATURAL - PA6

Description

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

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

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

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

