
NYLFOR A2 GF/33 H1 NATURAL - PA66

Description

PA 66, standard viscosity, 33% glass fiber reinforced, heat-stabilized

Physical properties	dry / cond	Unit	Test Standard
Density	1400 / -	kg/m ³	ISO 1183

Mechanical properties	dry / cond	Unit	Test Standard
Tensile modulus	10800 / -	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	185 / 0	MPa	ISO 527-2/1A
Flexural modulus, 23°C	9900 / -	MPa	ISO 178
Izod impact notched, 23°C	11 / -	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
DTUL at 1.8 MPa	255 / *	°C	ISO 75-1, -2
Flammability @3.2mm nom. thickn.	HB / *	class	UL 94
Flammability @1.6mm nom. thickn.	HB / *	class	UL 94

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	4	h	-
Drying temperature	90	°C	-
Temperature	Value	Unit	Test Standard
Zone1 temperature	275 - 285	°C	-
Zone2 temperature	285 - 295	°C	-
Zone3 temperature	295 - 305	°C	-
Mold temperature	60 - 90	°C	-