
NYLFOR R6 GF/30 H1 GREY RAL 7035 - PA6

Description

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

Physical properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Mechanical properties	Value	Unit	Test Standard
Tensile stress at break, 5mm/min	130	MPa	ISO 527-2/1A
Tensile strain at break, 5mm/min	2.5	%	ISO 527-2/1A
Flexural modulus, 23°C	7500	MPa	ISO 178
Izod impact notched, 23°C	7.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	205	°C	ISO 75-1, -2
Vicat softening temperature, 50°C/h 50N	220	°C	ISO 306