

## 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 <sup>3</sup> | 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 <sup>2</sup> | 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  |