

## NYLFOR B1 GF/50 H1 NEGRO 900 - PA6

### Description

PA 6, low viscosity, 50% glass fiber reinforced, heat-stabilized

| Physical properties | dry / cond | Unit              | Test Standard |
|---------------------|------------|-------------------|---------------|
| Density             | 1580 / -   | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties                | dry / cond | Unit              | Test Standard |
|--------------------------------------|------------|-------------------|---------------|
| Tensile modulus                      | 16800 / -  | MPa               | ISO 527-2/1A  |
| Tensile stress at break, 5mm/min     | 200 / -    | MPa               | ISO 527-2/1A  |
| Tensile strain at break, 5mm/min     | 2.5 / -    | %                 | ISO 527-2/1A  |
| Flexural modulus, 23°C               | 13600 / -  | MPa               | ISO 178       |
| Charpy impact strength, 23°C         | 100 / -    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, 23°C | 12 / -     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Izod impact notched, 23°C            | 14.5 / -   | kJ/m <sup>2</sup> | ISO 180/1A    |

