

# Generic Nylon 6 - Glass Fabric

Polyamide 6

Generic

## Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 6 - Glass Fabric  
This information is provided for comparative purposes only.

| General Information               |                            |                   |             |
|-----------------------------------|----------------------------|-------------------|-------------|
| Filler / Reinforcement            | Glass fabric reinforcement |                   |             |
| Physical                          | Nominal Value              | Unit              | Test Method |
| Specific Gravity                  |                            |                   |             |
| --                                | 1.24 - 1.36                | g/cm <sup>3</sup> | ASTM D792   |
| 23°C                              | 1.22 - 1.63                | g/cm <sup>3</sup> | ISO 1183    |
| Molding Shrinkage (23°C)          | 0.29 - 0.60                | %                 | ISO 294-4   |
| Mechanical                        | Nominal Value              | Unit              | Test Method |
| Tensile Elongation                |                            |                   |             |
| Fracture, 23°C                    | 2.0 - 5.0                  | %                 | ASTM D638   |
| Fracture, 23°C                    | 2.6 - 7.0                  | %                 | ISO 527-2   |
| Flexural Modulus (23°C)           | 4140 - 13000               | MPa               | ASTM D790   |
| Impact                            | Nominal Value              | Unit              | Test Method |
| Notched Izod Impact (23°C)        | 5.0 - 190                  | J/m               | ASTM D256   |
| Thermal                           | Nominal Value              | Unit              | Test Method |
| Deflection Temperature Under Load |                            |                   |             |
| 1.8 MPa, not annealed             | 200 - 210                  | °C                | ASTM D648   |
| 1.8 MPa, not annealed             | 195 - 220                  | °C                | ISO 75-2/A  |
| Injection                         | Nominal Value              | Unit              | Test Method |
| Drying Temperature                | 90.0 - 90.1                | °C                |             |
| Drying Time                       | 3.0 - 5.0                  | hr                |             |
| Mold Temperature                  | 70.0 - 92.5                | °C                |             |
| Injection instructions            |                            |                   |             |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

