

Staramide RFB53U

PA66-(GB+GF)

Eurostar Engineering Plastics

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 7200 | MPa | ISO 527 |
| Yield stress | 131 | MPa | ISO 527 |
| Strain at break | 2.6 | % | ISO 527 |
| Flexural modulus, 23°C | 7500 | MPa | ISO 178 |
| Izod impact strength, +23°C | 30 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 6 | kJ/m ² | ISO 180/1A |

| Thermal properties | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 229 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 253 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 42 | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal | 86 | E-6/K | ISO 11359-1/-2 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Water absorption | 1.1 | % | Sim. to ISO 62 |
| Density | 1470 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding, Other Extrusion

Features

Low Odor

Delivery form

Pellets

Regional Availability

Europe