

Product Texts

Vydyne AG6H is a 30% glass fiber reinforced PA66 for injection molded applications.

| Mechanical properties | dry / cond | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 9400 / - | MPa | ISO 527 |
| ^[C] Stress at break | 170 / - | MPa | ISO 527 |
| ^[C] Strain at break | 3 / - | % | ISO 527 |
| ^[C] Charpy impact strength, +23°C | 75 / - | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy impact strength, -30°C | 55 / - | kJ/m ² | ISO 179/1eU |
| ^[C] Charpy notched impact strength, +23°C | 8 / - | kJ/m ² | ISO 179/1eA |
| ^[C] Charpy notched impact strength, -30°C | 7 / - | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

| Other properties | dry / cond | Unit | Test Standard |
|------------------------------------|-------------------|-------------------|----------------------|
| ^[C] Humidity absorption | 1.2 / * | % | Sim. to ISO 62 |
| ^[C] Density | 1370 / - | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

North America, Europe

Additives

Release agent