

SCANAMID 6 B11^ F50

PA6-GF50

Polykemi AB

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|---------------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.2 / * | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 / * | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 210 / 150 | MPa | ISO 527 |
| Strain at break | 2 / 2.5 | % | ISO 527 |
| Flexural modulus, 23°C | 14000 / 9000 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 13 / 16 | kJ/m ² | ISO 179/1eA |
| ASTM Data | | | |
| Shore D Hardness | 81 / - | - | ASTM D 2240 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 215 / * | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 215 / * | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 200 / * | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 1.6 / * | mm | - |
| Glow Wire Ignition Temperature (GWIT) | 650 | °C | IEC 60695-2-13 |
| GWIT - thickness tested (1) | 2 | mm | - |
| Other properties | | | |
| Density | 1560 / - | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific