

SCANAMID 6 B12^ NH9L

PA6

Polykemi AB

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--|-------------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 1.1 / * | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.1 / * | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 71 / - | MPa | ISO 527 |
| Strain at break | 12 / - | % | ISO 527 |
| Flexural modulus, 23°C | 2500 / - | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 7 / - | kJ/m ² | ISO 179/1eA |
| Izod notched impact strength, +23°C | 7 / - | kJ/m ² | ISO 180/1A |
| ASTM Data | | | |
| Shore D Hardness | 73 / - | - | ASTM D 2240 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 63 / * | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 180 / * | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 215 / * | °C | ISO 306 |
| Vicat softening temperature, B | 200 / * | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | V-2 / * | class | IEC 60695-11-10 |
| Thickness tested | 1.6 / * | mm | - |
| Glow Wire Ignition Temperature (GWIT) | 960 | °C | IEC 60695-2-13 |
| GWIT - thickness tested (1) | 2 | mm | - |
| Other properties | | | |
| Density | 1140 / - | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, Halogen-free

Delivery form

Granules

Regional Availability

Europe, Asia Pacific