

**SCANAMID 66 A12^ F25 NH10**

PA66-GF25

Polykemi AB

| <b>Processing/Physical Characteristics</b> | <b>dry / cond</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--------------------------------------------|-------------------|-------------------|----------------------|
| <b>ISO Data</b>                            |                   |                   |                      |
| Molding shrinkage, parallel                | <b>0.3 / *</b>    | %                 | ISO 294-4, 2577      |
| Molding shrinkage, normal                  | <b>1.0 / *</b>    | %                 | ISO 294-4, 2577      |
| <b>Mechanical properties</b>               |                   |                   |                      |
| <b>ISO Data</b>                            |                   |                   |                      |
| Flexural modulus, 23°C                     | <b>8500 / -</b>   | MPa               | ISO 178              |
| Charpy notched impact strength, +23°C      | <b>4.5 / -</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |
| <b>Thermal properties</b>                  |                   |                   |                      |
| <b>ISO Data</b>                            |                   |                   |                      |
| Temp. of deflection under load, 1.80 MPa   | <b>233 / *</b>    | °C                | ISO 75-1/-2          |
| Temp. of deflection under load, 0.45 MPa   | <b>249 / *</b>    | °C                | ISO 75-1/-2          |
| Vicat softening temperature, A             | <b>248 / *</b>    | °C                | ISO 306              |
| Vicat softening temperature, B             | <b>226 / *</b>    | °C                | ISO 306              |
| Burning behav. at 1.5 mm nom. thickn.      | <b>V-0 / *</b>    | class             | IEC 60695-11-10      |
| Thickness tested                           | <b>1.6 / *</b>    | mm                | -                    |
| Glow Wire Ignition Temperature (GWIT)      | <b>960</b>        | °C                | IEC 60695-2-13       |
| GWIT - thickness tested (1)                | <b>2</b>          | mm                | -                    |
| <b>Other properties</b>                    |                   |                   |                      |
| Density                                    | <b>1310 / -</b>   | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Granules

**Special Characteristics**

Flame retardant

**Regional Availability**

Europe, Asia Pacific