

**SLOVAMID®6 GF 30 FRG 2**

PA6-GF30

Plastcom, spol. s r.o.

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ISO Data</b>                            |              |                   |                      |
| Melt flow index, MFI                       | <b>4</b>     | g/10min           | ISO 1133             |
| Temperature                                | <b>230</b>   | °C                | -                    |
| Load                                       | <b>2.16</b>  | kg                | -                    |
| Molding shrinkage, parallel                | <b>0.5</b>   | %                 | ISO 294-4, 2577      |
| Molding shrinkage, normal                  | <b>0.6</b>   | %                 | ISO 294-4, 2577      |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Tensile Modulus                            | <b>9200</b>  | MPa               | ISO 527              |
| Tensile Strength                           | <b>165</b>   | MPa               | ISO 527              |
| Flexural modulus, 23°C                     | <b>8540</b>  | MPa               | ISO 178              |
| Charpy impact strength, +23°C              | <b>68</b>    | kJ/m <sup>2</sup> | ISO 179/1eU          |
| Charpy notched impact strength, +23°C      | <b>10</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |
| <b>Thermal properties</b>                  |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Melting temperature, 10°C/min              | <b>225</b>   | °C                | ISO 11357-1/-3       |
| Temp. of deflection under load, 1.80 MPa   | <b>215</b>   | °C                | ISO 75-1/-2          |
| Vicat softening temperature, B             | <b>225</b>   | °C                | ISO 306              |
| Burning behav. at 1.5 mm nom. thickn.      | <b>V-1</b>   | class             | IEC 60695-11-10      |
| Thickness tested                           | <b>1.6</b>   | mm                | -                    |
| Burning behav. at thickness h              | <b>V-0</b>   | class             | IEC 60695-11-10      |
| Thickness tested                           | <b>3.2</b>   | mm                | -                    |
| <b>Electrical properties</b>               |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Electric strength                          | <b>70</b>    | kV/mm             | IEC 60243-1          |
| Comparative tracking index                 | <b>600</b>   | -                 | IEC 60112            |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>1380</b>  | kg/m <sup>3</sup> | ISO 1183             |
| Moisture Content                           | <b>0.15</b>  | %                 | -                    |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Additives**

Flame retarding agent

**Special Characteristics**

Flame retardant

**Applications**

Electrical and Electronical

**Regional Availability**

Europe