

KEPAMID® 2325GVS

PA66-GF25

Korea Engineering Plastics Co. Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.6 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 155 | MPa | ISO 527 |
| Strain at break | 2 | % | ISO 527 |
| Flexural modulus, 23°C | 8700 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 8.5 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | R121 | - | ISO 2039-2 |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 260 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 235 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 255 | °C | ISO 75-1/-2 |
| Burning behav. at thickness h | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Relative permittivity, 1MHz | 3.4 | - | IEC 62631-2-1 |
| Other properties | | | |
| Humidity absorption | 0.6 | % | Sim. to ISO 62 |
| Density | 1560 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 - 90 | °C | - |
| Pre-drying - Time | 4 - 8 | h | - |
| Processing humidity | ≤0.05 | % | - |
| Mold temperature | 70 - 90 | °C | - |
| Feed temperature | 60 - 80 | °C | - |
| Zone 1 | 280 | °C | - |
| Zone 2 | 285 | °C | - |
| Zone 3 | 290 | °C | - |
| Nozzle temperature | 300 | °C | - |
| Screw speed | 80 - 120 | rpm | - |
| Back pressure | 0.5 - 1 | MPa | - |

Characteristics**Processing**

Injection Molding

Applications

Automotive, Electrical and Electronical

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific