

ECONAMID FL 66/6G35H2

PA666-GF35

DOMO Engineering Plastics

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|--------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.3 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.7 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 10000 | MPa | ISO 527 |
| Stress at break | 155 | MPa | ISO 527 |
| Strain at break | 2 | % | ISO 527 |
| Flexural modulus, 23°C | 9000 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 45 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 6.5 | kJ/m ² | ISO 179/1eA |
| Izod impact strength, +23°C | 40 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 6.5 | kJ/m ² | ISO 180/1A |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 262 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 215 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 235 | °C | ISO 75-1/-2 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 1E13 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 1E13 | Ohm | IEC 62631-3-2 |
| Other properties | | | |
| Density | 1410 | kg/m ³ | ISO 1183 |
| Material specific properties | | | |
| ISO Data | | | |
| Viscosity number | 135 | cm ³ /g | ISO 307, 1157, 1628 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 75 - 85 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 270 - 290 | °C | - |
| Mold temperature | 90 - 110 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat