

4MID 9B22130 FRR5H

PA6-GF30

4Plas

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 9500 | MPa | ISO 527 |
| Stress at break | 120 | MPa | ISO 527 |
| Strain at break | 2.5 | % | ISO 527 |
| Izod notched impact strength, +23°C | 10 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 8 | kJ/m ² | ISO 180/1A |
| Temperature | -30 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 223 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 205 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 220 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 210 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | - |
| Burning behav. at thickness h | V-0 | 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 |
| Comparative tracking index | 600 | - | IEC 60112 |
| Other properties | | | |
| Density | 1390 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.2 | % | - |

Characteristics**Special Characteristics**

Flame retardant, Halogen-free, Phosphorus-free, Heat stabilized or stable to heat

Regional Availability

Europe