

Bergamid™ A70 G/GK40 H Black

PA66-(GF+GB)40

Avient Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|------------------------|----------------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 12 | cm ³ /10min | ISO 1133 |
| Temperature | 275 | °C | - |
| Load | 2.16 | kg | - |
| Melt flow index, MFI | 15 | g/10min | ISO 1133 |
| Temperature | 275 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 0.6 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 6000 | MPa | ISO 527 |
| Stress at break | 120 | MPa | ISO 527 |
| Strain at break | 2.5 | % | ISO 527 |
| Flexural modulus, 23°C | 6200 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 25 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 6 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 230 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.6 | 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 | 500 | - | IEC 60112 |
| Other properties | | | |
| Density | 1450 | kg/m ³ | ISO 1183 |
| Material specific properties | | | |
| ISO Data | | | |
| Viscosity number | 140 | cm ³ /g | ISO 307, 1157, 1628 |

Characteristics**Delivery form**

Granules, Black

Special Characteristics

Heat stabilized or stable to heat

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa