

PlusTek PB323G6BK10

PA6-GF30

Polyram

| 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 | 12400 | MPa | ISO 527 |
| Tensile Strength | 155 | MPa | ISO 527 |
| Strain at break | 1.9 | % | ISO 527 |
| Izod notched impact strength, +23°C | 10.5 | kJ/m ² | ISO 180/1A |
| Thermal properties | | | |
| ISO Data | | | |
| 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 | 3.0 | mm | - |
| Glow Wire Flammability Index (GWFI) | 960 | °C | IEC 60695-2-12 |
| GWFI - thickness tested (1) | 1.6 | mm | - |
| Other properties | | | |
| Water absorption | 6 | % | Sim. to ISO 62 |
| Humidity absorption | 2 | % | Sim. to ISO 62 |
| Density | 1610 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.1 | % | - |
| Mold temperature | 80 - 100 | °C | - |
| Feed temperature | 60 - 80 | °C | - |
| Zone 1 | 250 - 270 | °C | - |
| Zone 2 | 260 - 280 | °C | - |
| Zone 3 | 270 - 285 | °C | - |

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant

Regional Availability

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