

PlusTek RB334G33BK43

PA6-GF33

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 | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 11000 | MPa | ISO 527 |
| Tensile Strength | 162 | MPa | ISO 527 |
| Strain at break | 2.6 | % | ISO 527 |
| Flexural modulus, 23°C | 9750 | MPa | ISO 178 |
| Flexural strength | 235 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 15.4 | kJ/m ² | ISO 180/1A |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|----------------|
| Water absorption | 6.5 | % | Sim. to ISO 62 |
| Humidity absorption | 2 | % | Sim. to ISO 62 |
| Density | 1380 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.15 | % | - |
| Mold temperature | 65 - 80 | °C | - |
| Feed temperature | 60 - 70 | °C | - |
| Zone 1 | 240 - 280 | °C | - |
| Zone 2 | 240 - 280 | °C | - |
| Zone 3 | 240 - 280 | °C | - |

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

Hydrolytically Stable

Regional Availability

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