

PlusTek PA781G4NT

PA66/6-GF20

Polyram

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.9 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 6300 | MPa | ISO 527 |
| Tensile Strength | 125 | MPa | ISO 527 |
| Strain at break | 4 | % | ISO 527 |
| Flexural modulus, 23°C | 4500 | MPa | ISO 178 |
| Flexural strength | 200 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 20 | kJ/m ² | ISO 180/1A |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1240 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 4 - 8 | h | - |
| Processing humidity | ≤0.15 | % | - |
| Mold temperature | 60 - 90 | °C | - |
| Feed temperature | 60 - 70 | °C | - |
| Zone 1 | 260 - 270 | °C | - |
| Zone 2 | 260 - 270 | °C | - |
| Zone 3 | 260 - 270 | °C | - |

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Regional Availability

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