

PlusTek PB896NT-5

PA66/6

Polyram

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 2.5 | g/10min | ISO 1133 |
| Temperature | 275 | °C | - |
| Load | 5 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 210 | MPa | ISO 527 |
| Tensile Strength | 36 | MPa | ISO 527 |
| Strain at break | 250 | % | ISO 527 |
| Flexural modulus, 23°C | 200 | MPa | ISO 178 |
| Flexural strength | 11 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 70 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 13.5 | kJ/m ² | ISO 180/1A |
| Temperature | -40 | °C | - |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1050 | 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 | 55 - 90 | °C | - |
| Feed temperature | 60 - 80 | °C | - |
| Zone 1 | 230 - 240 | °C | - |
| Zone 2 | 230 - 240 | °C | - |
| Zone 3 | 230 - 270 | °C | - |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|-------------------------------------|-------|------|---------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 4 - 8 | h | - |
| Processing humidity | ≤0.15 | % | - |

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Natural Color

Additives

Plasticizer

Special Characteristics

High impact or impact modified

Features

Copolymer

Regional Availability

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