

RamSter PE321G6BK10

PET-GF30

Polyram

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 11100 | MPa | ISO 527 |
| Tensile Strength | 127 | MPa | ISO 527 |
| Strain at break | 1.6 | % | ISO 527 |

| Thermal properties | Value | Unit | Test Standard |
|---|--------------------------|-------------|----------------------|
| ISO Data | | | |
| Burning behav. at 1.5 mm nom. thickn. Thickness tested | V-0 1.6 | class mm | IEC 60695-11-10 - |
| Burning behav. at thickness h Thickness tested | V-0 0.8 | class mm | IEC 60695-11-10 - |
| Glow Wire Flammability Index (GWFI) | 960 | °C | IEC 60695-2-12 |
| GWFI - thickness tested (1) | 1.6 | mm | - |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1660 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.02 | % | - |
| Mold temperature | 90 - 120 | °C | - |
| Feed temperature | 40 - 60 | °C | - |
| Zone 1 | 240 - 260 | °C | - |
| Zone 2 | 260 - 280 | °C | - |
| Zone 3 | 260 - 280 | °C | - |

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Delivery form

Black

Applications

Electrical and Electronical

Special Characteristics

Flame retardant

Regional Availability

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