

RamSter PF340S4GR324

PBT-GB20

Polyram

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------|-------------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 24 | g/10min | ISO 1133 |
| Temperature | 250 | °C | - |
| Load | 2.16 | kg | - |
| Other Standards^[S] | | | |
| Molding shrinkage, parallel | 0.8 | % | Producer Method |
| Molding shrinkage, normal | 0.9 | % | Producer Method |

S: These properties are reported by the producer according standards that are different to our defaults.

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 3570 | MPa | ISO 527 |
| Tensile Strength | 52 | MPa | ISO 527 |
| Strain at break | 4 | % | ISO 527 |
| Izod notched impact strength, +23°C | 2.8 | kJ/m ² | ISO 180/1A |

| Thermal properties | Value | Unit | Test Standard |
|-------------------------------|------------|-------|-----------------|
| ISO Data | | | |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 3.0 | mm | - |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------------|-------------------|----------------|
| Water absorption | 0.5 | % | Sim. to ISO 62 |
| Humidity absorption | 0.2 | % | Sim. to ISO 62 |
| Density | 1450 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|------------------|------|---------------|
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Processing humidity | ≤0.04 | % | - |
| Mold temperature | 70 - 90 | °C | - |
| Feed temperature | 40 - 60 | °C | - |
| Zone 1 | 245 - 255 | °C | - |
| Zone 2 | 245 - 255 | °C | - |
| Zone 3 | 250 - 260 | °C | - |

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Regional Availability

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