

RamTal PM3001M4NT

POM-MX20

Polyram

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 6 | g/10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 1.6 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.7 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 3400 | MPa | ISO 527 |
| Tensile Strength | 50 | MPa | ISO 527 |
| Strain at break | 21 | % | ISO 527 |
| Izod notched impact strength, +23°C | 6 | kJ/m ² | ISO 180/1A |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1550 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 100 - 120 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Processing humidity | ≤0.15 | % | - |
| Mold temperature | 80 - 120 | °C | - |
| Feed temperature | 80 - 120 | °C | - |
| Zone 1 | 170 - 180 | °C | - |
| Zone 2 | 180 - 190 | °C | - |
| Zone 3 | 190 - 200 | °C | - |

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Certifications

Drinking water contact, Drinking water contact NSF 61

Regional Availability

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