

**RamTal PM7815NT**

POM

Polyram

| Processing/Physical Characteristics                | Value     | Unit              | Test Standard   |
|--|-----------|-------------------|-----------------|
| <b>ISO Data</b>                                    |           |                   |                 |
| Melt flow index, MFI                               | 8.8       | g/10min           | ISO 1133        |
| Temperature  | 190       | °C                | -               |
| Load   | 2.16      | kg                | -               |
| Molding shrinkage, parallel                        | 1.9       | %                 | ISO 294-4, 2577 |
| <b>Mechanical properties</b>                       |           |                   |                 |
| <b>ISO Data</b>                                    |           |                   |                 |
| Izod notched impact strength, +23°C                | 11.5      | kJ/m <sup>2</sup> | ISO 180/1A      |
| <b>ASTM Data</b>                                   |           |                   |                 |
| Izod Impact notched, 1/8 in                        | 120       | J/m               | ASTM D 256      |
| <b>Other properties</b>                            |           |                   |                 |
| Humidity absorption                                | 0.2       | %                 | Sim. to ISO 62  |
| Density  | 1360      | kg/m <sup>3</sup> | ISO 1183        |
| <b>Processing Recommendation Injection Molding</b> |           |                   |                 |
| Pre-drying - Temperature                           | 80        | °C                | -               |
| Pre-drying - Time                                  | 2 - 4     | h                 | -               |
| Processing humidity                                | ≤0.15     | %                 | -               |
| Mold temperature                                   | 60 - 90   | °C                | -               |
| Feed temperature                                   | 60 - 70   | °C                | -               |
| Zone 1   | 160 - 180 | °C                | -               |
| Zone 2   | 180 - 190 | °C                | -               |
| Zone 3   | 170 - 190 | °C                | -               |

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Special Characteristics**

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

**Certifications**

RoHS compliant

**Regional Availability**

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