

**RamDetect PPC307MDLBL231**

PP

Polyram

| Processing/Physical Characteristics | Value | Unit                   | Test Standard |
|-------------------------------------|-------|------------------------|---------------|
| <b>ISO Data</b>                     |       |                        |               |
| Melt volume-flow rate, MVR          | 21.8  | cm <sup>3</sup> /10min | ISO 1133      |
| Temperature                         | 230   | °C                     | -             |
| Load                                | 5     | kg                     | -             |

| Mechanical properties               | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Tensile Modulus                     | 1450  | MPa               | ISO 527       |
| Tensile Strength                    | 25    | MPa               | ISO 527       |
| Strain at break                     | 60    | %                 | ISO 527       |
| Izod notched impact strength, +23°C | 6.6   | kJ/m <sup>2</sup> | ISO 180/1A    |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1080  | kg/m <sup>3</sup> | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 80        | °C   | -             |
| Pre-drying - Time                           | 2 - 4     | h    | -             |
| Processing humidity                         | ≤0.1      | %    | -             |
| Mold temperature                            | 30 - 70   | °C   | -             |
| Feed temperature                            | 60 - 70   | °C   | -             |
| Zone 1                                      | 200 - 230 | °C   | -             |
| Zone 2                                      | 200 - 230 | °C   | -             |
| Zone 3                                      | 200 - 250 | °C   | -             |

**Characteristics****Processing**

Injection Molding

**Features**

Metal Detectable

**Certifications**

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

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