

**RamOfin PPC301R05**

PP-CF5

Polyram

| Processing/Physical Characteristics                | Value     | Unit              | Test Standard |
|--|-----------|-------------------|---------------|
| <b>ISO Data</b>                                    |           |                   |               |
| Melt flow index, MFI                               | 23        | g/10min           | ISO 1133      |
| Temperature  | 230       | °C                | -             |
| Load   | 2.16      | kg                | -             |
| <b>Mechanical properties</b>                       |           |                   |               |
| <b>ISO Data</b>                                    |           |                   |               |
| Tensile Modulus                                    | 2300      | MPa               | ISO 527       |
| Tensile Strength                                   | 26        | MPa               | ISO 527       |
| Yield strain                                       | 5.2       | %                 | ISO 527       |
| Izod notched impact strength, +23°C                | 5.2       | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Other properties</b>                            |           |                   |               |
| Density  | 930       | 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                                | ≤0.1      | %                 | -             |
| 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

**Delivery form**

Natural Color

**Features**

Copolymer

**Certifications**

RoHS compliant

**Regional Availability**

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