

## Purell RP378T

### PP RANDOM

LyondellBasell Industries

| Rheological properties     | Value | Unit                   | Test Standard |
|----------------------------|-------|------------------------|---------------|
| <b>ISO Data</b>            |       |                        |               |
| Melt volume-flow rate, MVR | 65    | cm <sup>3</sup> /10min | ISO 1133      |
| Temperature                | 230   | °C                     | -             |
| Load                       | 2.16  | kg                     | -             |
| Melt Flow Index, MFI       | 48    | g/10min                | ISO 1133      |
| MFI temperature            | 230   | °C                     | -             |
| MFI load                   | 2.16  | kg                     | -             |

| Mechanical Properties                   | Value | Unit              | Test Standard |
|-----------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                         |       |                   |               |
| Tensile Modulus                         | 1150  | MPa               | ISO 527       |
| Yield stress                            | 29    | MPa               | ISO 527       |
| Yield strain                            | 11    | %                 | ISO 527       |
| Strain at Break                         | 50    | %                 | ISO 527       |
| Impact Strength (Charpy), +23°C         | 180   | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Notched Impact Strength (Charpy), +23°C | 4.5   | kJ/m <sup>2</sup> | ISO 179/1eA   |

| Thermal Properties                        | Value | Unit | Test Standard |
|-------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                           |       |      |               |
| Temp. of deflection under load (0.45 MPa) | 70    | °C   | ISO 75-1/-2   |
| Vicat softening temperature, 50°C/h 50N   | 72    | °C   | ISO 306       |

| Other Properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| <b>ISO Data</b>  |       |                   |               |
| Density          | 900   | kg/m <sup>3</sup> | ISO 1183      |

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Special Characteristics

Anti-static

### Features

Nucleated, Copolymer, Random Copolymer

### Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Class VI  
Approved, Drug Master File

### Applications

Medical