

Purell RP270G PP RANDOM

LyondellBasell Industries

| Rheological properties | Value | Unit | Test Standard |
|----------------------------|-------|------------------------|---------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 2.4 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Melt Flow Index, MFI | 1.8 | g/10min | ISO 1133 |
| MFI temperature | 230 | °C | - |
| MFI load | 2.16 | kg | - |

| Mechanical Properties | Value | Unit | Test Standard |
|---|----------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 950 | MPa | ISO 527 |
| Yield stress | 25 | MPa | ISO 527 |
| Yield strain | 14 | % | ISO 527 |
| Strain at Break | 50 | % | ISO 527 |
| Impact Strength (Charpy), +23°C | no break | kJ/m ² | ISO 179/1eU |
| Notched Impact Strength (Charpy), +23°C | 6 | kJ/m ² | ISO 179/1eA |

| Thermal Properties | Value | Unit | Test Standard |
|---|-------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load (0.45 MPa) | 67 | °C | ISO 75-1/-2 |
| Vicat softening temperature, 50°C/h 50N | 68 | °C | ISO 306 |

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

Characteristics

Processing

Injection Molding, Other Extrusion, Blow Molding

Special Characteristics

Impact modified

Features

Copolymer, Random Copolymer

Chemical Resistance

General Chemical Resistance

Certifications

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

Applications

Medical

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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