

**Moplen EP600V**  
**PP COPO**

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 100   | g/10min | ISO 1133      |
| MFI temperature        | 230   | °C      | -             |
| MFI load               | 2.16  | kg      | -             |

| Mechanical Properties                    | Value | Unit              | Test Standard |
|------------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                          |       |                   |               |
| Yield stress                             | 30    | MPa               | ISO 527       |
| Yield strain                             | 7     | %                 | ISO 527       |
| Strain at Break                          | 10    | %                 | ISO 527       |
| Notched Impact Strength (Charpy), +23 °C | 2.5   | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Flexural Modulus (23 °C)                 | 1300  | MPa               | ISO 178       |

| Thermal Properties              | Value | Unit | Test Standard  |
|---------------------------------|-------|------|----------------|
| <b>ISO Data</b>                 |       |      |                |
| Melting Temperature (10 °C/min) | 163   | °C   | ISO 11357-1/-3 |
| Vicat softening temperature A   | 152   | °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

**Certifications**

Food approval

**Special Characteristics**

Impact modified

**Applications**

Packaging, Sports Equipment

**Features**

Low Odor, Copolymer, Impact Copolymer

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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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