

**Moplen HP420M**  
**PP HOMO**

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 8     | 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            | 33    | MPa  | ISO 527       |
| Yield strain            | 33    | %    | ISO 527       |
| Stress at Break         | 21    | MPa  | ISO 527       |
| Strain at Break         | 500   | %    | ISO 527       |
| Flexural Modulus (23°C) | 1350  | MPa  | ISO 178       |

| Thermal Properties                        | Value | Unit | Test Standard |
|-------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                           |       |      |               |
| Temp. of deflection under load (0.45 MPa) | 85    | °C   | ISO 75-1/-2   |
| Vicat softening temperature A             | 153   | °C   | ISO 306       |

| Other Properties | Value | Unit  | Test Standard |
|------------------|-------|-------|---------------|
| <b>ISO Data</b>  |       |       |               |
| Density          | 900   | kg/m³ | ISO 1183      |

**Characteristics**
**Processing**

Film Extrusion

**Certifications**

Food approval

**Features**

Homopolymer

**Applications**

Packaging

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