

## Moplen HP483R

### PP HOMO

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 27    | 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                         | 1300  | MPa               | ISO 527       |
| Yield stress                            | 32    | MPa               | ISO 527       |
| Yield strain                            | 9     | %                 | ISO 527       |
| Strain at Break                         | >50   | %                 | ISO 527       |
| Notched Impact Strength (Charpy), +23°C | 3     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Ball Indentation Hardness               | 68    | MPa               | ISO 2039-1    |

| Thermal Properties                        | Value | Unit | Test Standard |
|-------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                           |       |      |               |
| Temp. of deflection under load (0.45 MPa) | 80    | °C   | ISO 75-1/-2   |
| Vicat softening temperature A             | 151   | °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

### Additives

Antiblocking agent

### Special Characteristics

Anti-static, Opaque

### Features

Tribologic Grade, Homopolymer

### Applications

General Purpose, Packaging