

## Moplen HP552K

### PP HOMO

LyondellBasell Industries

| Rheological properties | Value | Unit    | Test Standard |
|------------------------|-------|---------|---------------|
| <b>ISO Data</b>        |       |         |               |
| Melt Flow Index, MFI   | 4     | 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            | 34    | MPa  | ISO 527       |
| Yield strain            | 11    | %    | ISO 527       |
| Stress at Break         | 23    | MPa  | ISO 527       |
| Strain at Break         | 700   | %    | ISO 527       |
| Flexural Modulus (23°C) | 1400  | MPa  | ISO 178       |

| Thermal Properties                        | Value | Unit | Test Standard |
|-------------------------------------------|-------|------|---------------|
| <b>ISO Data</b>                           |       |      |               |
| Temp. of deflection under load (0.45 MPa) | 90    | °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/m <sup>3</sup> | ISO 1183      |

### Characteristics

#### Processing

Other Extrusion

#### Applications

Packaging

#### Features

Gas Fading Resistance, Homopolymer