

**Moplen HP552L**

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ISO Data</b>                     |       |         |               |
| Melt flow index, MFI                | 6     | g/10min | ISO 1133      |
| Temperature                         | 230   | °C      | -             |
| 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 |
|------------------|-------|-------------------|---------------|
| Density          | 900   | kg/m <sup>3</sup> | ISO 1183      |

**Characteristics****Processing**

Other Extrusion

**Regional Availability**

Europe, Near East/Africa

**Features**

Gas Fading Resistance, Homopolymer