

Moplen HP552N

PP

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 13 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------|-------|------|---------------|
| ISO Data | | | |
| 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 |
|--|-------|------|---------------|
| ISO Data | | | |
| 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 ³ | ISO 1183 |

Characteristics**Processing**

Other Extrusion

Regional Availability

Europe, Asia Pacific, Near East/Africa

Features

Gas Fading Resistance, Homopolymer