

**Moplen HP556E**

PP

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>0.8</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>34</b>	MPa	ISO 527
Yield strain	<b>11</b>	%	ISO 527
Stress at break	<b>28</b>	MPa	ISO 527
Strain at break	<b>600</b>	%	ISO 527
Flexural modulus, 23°C	<b>1400</b>	MPa	ISO 178
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>90</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>153</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Profile Extrusion, Sheet Extrusion, Blow Molding

**Regional Availability**

Europe, Asia Pacific, Near East/Africa

**Features**

Homopolymer