

**Moplen HP555G**

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>1.3</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>33</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>1450</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>7.5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>75</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>92</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Sheet Extrusion, Blow Molding

**Features**

Melt Strength, Homopolymer

**Applications**

Building Construction, Packaging

**Regional Availability**

Asia Pacific