

**Moplen HP551R**

PP

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>34</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Melt flow index, MFI	<b>25</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>32</b>	MPa	ISO 527
Yield strain	<b>10</b>	%	ISO 527
Flexural modulus, 23°C	<b>1350</b>	MPa	ISO 178
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>97</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>153</b>	°C	ISO 306

**Characteristics****Processing**

Other Extrusion

**Regional Availability**

Europe, Asia Pacific, Near East/Africa

**Features**

Gas Fading Resistance, Homopolymer