

**Moplen EP310J HP**

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>3</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1100</b>	MPa	ISO 527
Yield stress	<b>30</b>	MPa	ISO 527
Stress at break	<b>54</b>	MPa	ISO 527
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>166</b>	°C	ISO 11357-1/-3
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	<b>72</b>	-	ASTM D 2457
Haze	<b>6</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183
<b>Film Properties</b>			
<b>ISO Data</b>			
Strain at yield, parallel	<b>13</b>	%	ISO 527-3
Maximum strain, parallel	<b>1180</b>	%	ISO 527-3

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion

**Certifications**

Food contact

**Special Characteristics**

High impact or impact modified

**Applications**

Packaging

**Features**

Copolymer, Impact Copolymer

**Regional Availability**

Europe, Near East/Africa