

**Moplen HP521M**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>8</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>36</b>	MPa	ASTM D 638
Elongation at Yield	<b>12</b>	%	ASTM D 638
Flexural Modulus	<b>1600</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 100</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>30</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>110</b>	°C	ASTM D 648
Vicat Temperature	<b>155</b>	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Film Extrusion

**Features**

Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Asia Pacific, Near East/Africa