

**Moplen HP2409**  
PP OTHERS

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt Flow Index, MFI	3	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1850	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	7	%	ISO 527
Strain at Break	20	%	ISO 527
Notched Impact Strength (Charpy), +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA

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

Optical Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze	16	%	ASTM D 1003

**Characteristics**

**Processing**

Film Extrusion, Sheet Extrusion, Thermoforming

**Certifications**

Food approval

**Special Characteristics**

Transparent

**Applications**

Packaging

**Features**

High Crystallinity, Nucleated

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