

**Moplen HP422H**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	2	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Yield strain	10	%	ISO 527
Strain at break	410	%	ISO 527
Shore D hardness	70	-	ISO 7619-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	0.5	%	ASTM D 1003
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Transparent

**Features**

Barrier Properties, High Gloss, Low Odor, Homopolymer

**Chemical Resistance**

Oxidation Resistance

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Europe, Near East/Africa