

**Moplen HP648N**

PP

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>12</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>38</b>	MPa	ASTM D 638
Elongation at Yield	<b>8</b>	%	ASTM D 638
Flexural Modulus	<b>1870</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>32</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>122</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static, Opaque

**Features**

Nucleated, Homopolymer

**Chemical Resistance**

Environmental Stress Crack Resistance

**Applications**

Packaging, Sports Equipment

**Regional Availability**

Asia Pacific, Near East/Africa