

**Moplen HE649T**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	50	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	35	MPa	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Izod notched impact strength, +23°C	2.4	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	75	-	ISO 7619-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
<b>Other properties</b>			
<b>ISO Data</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Features**

Nucleated, Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Asia Pacific