

**Moplen EP647N**

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>10</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>29.4</b>	MPa	ASTM D 638
Elongation at Yield	<b>7</b>	%	ASTM D 638
Flexural Modulus	<b>1570</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 98</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>84.6</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>47.1</b>	J/m	ASTM D 256
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>125</b>	°C	ASTM D 648

**Characteristics****Processing**

Injection Molding

**Applications**

Packaging

**Special Characteristics**

Anti-static, High impact or impact modified

**Regional Availability**

Asia Pacific, Near East/Africa

**Features**

Nucleated, Copolymer