

**Moplen EP649N**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	32	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Flexural Modulus	1850	MPa	ASTM D 790
Izod Impact notched, 1/8 in	100	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	40	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	130	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static, Opaque

**Features**

High Gloss, Scratch Resistant, Copolymer, Impact Copolymer

**Applications**

Electrical and Electronical, Sports Equipment

**Regional Availability**

Asia Pacific, Near East/Africa