

**Moplen EP642S**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	37	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	28	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Flexural Modulus	1600	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	80	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	40	J/m	ASTM D 256
Temperature	-20	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	125	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat, Opaque

**Features**

Low Warpage, Copolymer, Impact Copolymer

**Applications**

Automotive

**Regional Availability**

Asia Pacific, Near East/Africa