

**Moplen EP2838**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	6	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	7	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	5.5	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	64	MPa	ISO 2039-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	151	°C	ISO 306
Vicat softening temperature, B	80	°C	ISO 306
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Compression Molding

**Additives**

Antiblocking agent

**Special Characteristics**

Anti-static, High impact or impact modified

**Features**

Nucleated, Copolymer, Impact Copolymer

**Applications**

Sports Equipment

**Regional Availability**

Asia Pacific, Near East/Africa