

**Moplen EP546U**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>70</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>1550</b>	MPa	ISO 527
Yield stress	<b>28</b>	MPa	ISO 527
Yield strain	<b>5</b>	%	ISO 527
Strain at break	<b>30</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>95</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>151</b>	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Certifications**

Food contact

**Special Characteristics**

Anti-static, Opaque

**Applications**

Packaging, Sports Equipment

**Features**

Nucleated, Copolymer, Impact Copolymer

**Regional Availability**

Asia Pacific, Near East/Africa