

## Moplen EP300C

PP

PolyMirae

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	0.5	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	31.4	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1079	MPa	ASTM D 790
Rockwell Hardness	R 87	-	ASTM D 785
Izod Impact notched, 1/8 in	660	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	56.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Vicat Temperature	152	°C	ASTM D 1525

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

### Characteristics

#### Processing

Sheet Extrusion, Thermoforming

#### Features

Melt Strength, Copolymer

#### Certifications

Food contact, Food approval FDA 21 CFR

#### Applications

Packaging

#### Regional Availability

Asia Pacific, Near East/Africa