

Moplen EP300C

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
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	687	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	58.9	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	152	°C	ASTM D 1525

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

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Thermoforming

Delivery form

Pellets

Special Characteristics

Opaque

Features

Melt Strength, Copolymer, Impact Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa