

Moplen EP5079

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			
ASTM Data			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	1700	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	120	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525
Other properties			
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Sheet Extrusion, Blow Molding, Thermoforming

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat, Opaque

Features

High Gloss, Low Gel, Low Odor, Copolymer, Impact Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa