

Moplen EP5079

PP OTHERS

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	0.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Density, 73°F	900	kg/m ³	ASTM D 792

Mechanical Properties	Value	Unit	Test Standard
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
Notched Impact Strength (Izod), 1/8 in	no break	J/m	ASTM D 256

Thermal Properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	120	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525

Characteristics

Processing

Sheet Extrusion, Blow Molding, Thermoforming

Certifications

Food approval

Special Characteristics

Impact modified, Heat aging stabilized, Opaque

Applications

Packaging

Features

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