

Moplen HP422M

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	31	MPa	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A
Shore D hardness	75	-	ISO 7619-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	82	°C	ISO 75-1/-2
Other properties			
ISO Data			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Film Extrusion

Features

Homopolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific