

Moplen HP555E

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	33	MPa	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Izod notched impact strength, +23°C	9	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	92	°C	ISO 75-1/-2
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics

Processing

Profile Extrusion, Sheet Extrusion, Blow Molding, Thermoforming

Features

Melt Strength, Homopolymer

Applications

Building Construction, Packaging

Regional Availability

Asia Pacific