

Moplen HP525J

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	34	MPa	ISO 527
Yield strain	12	%	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	500	%	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Shore D hardness	70	-	ISO 7619-1
ASTM Data			
Tensile Strength at Yield	33	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	1500	MPa	ASTM D 790
Izod Impact notched, 1/8 in	34	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	97	°C	ASTM D 648
Other properties			
Value			
Density	900	kg/m ³	ISO 1183
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Other Extrusion, Thermoforming

Special Characteristics

Transparent

Features

Barrier Properties, High Gloss, Homopolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Asia Pacific, Near East/Africa