

Moplen HP525J
PP HOMO

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Density, 73°F	900	kg/m³	ASTM D 792

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	3	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
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 Hardness D (15s)	70	-	ISO 868
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
Notched Impact Strength (Izod), 1/8 in	34	J/m	ASTM D 256

Thermal Properties	Value	Unit	Test Standard
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	Unit	Test Standard
ISO Data			
Density	900	kg/m³	ISO 1183

Characteristics
Processing

Other Extrusion, Thermoforming

Certifications

Food approval

Special Characteristics

Transparent

Applications

Packaging

Features

Barrier Properties, High Gloss, Homopolymer