

Moplen HP522H

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2	g/10min	ISO 1133
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	71	-	ISO 7619-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	93	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306
Optical properties			
ASTM Data			
Haze	0.6	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Features**

Barrier Properties, High Gloss, Homopolymer

Applications

Packaging

Certifications

Food contact

Regional Availability

Europe, Near East/Africa