

Moplen HP522H

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	2	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)	71	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	93	°C	ISO 75-1/-2
Vicat softening temperature A	155	°C	ISO 306

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

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Haze	0.6	%	ASTM D 1003

Characteristics

Features

Barrier Properties, High Gloss, Homopolymer

Applications

Packaging

Certifications

Food approval