

Moplen HP422H

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			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Yield strain	10	%	ISO 527
Strain at Break	410	%	ISO 527
Shore Hardness D (15s)	70	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	88	°C	ISO 75-1/-2
Vicat softening temperature A	152	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Haze	0.5	%	ASTM D 1003

Characteristics

Special Characteristics

Transparent

Features

Barrier Properties, High Gloss, Low Odor, Homopolymer

Chemical Resistance

Oxidation Resistance

Certifications

Food approval

Applications

Packaging