

Moplen HP456H

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	34	MPa	ISO 527
Yield strain	11	%	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	600	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306

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

Characteristics**Processing**

Other Extrusion, Thermoforming

Features

Homopolymer

Applications

Monofilament

Regional Availability

Europe, Asia Pacific, South and Central America, Near East/Africa