

Moplen HP501H

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.1	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	33	MPa	ISO 527
Yield strain	9	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Ball indentation hardness	72	MPa	ISO 2039-1

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	154	°C	ISO 306

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

Characteristics**Processing**

Injection Molding, Blow Molding, Thermoforming, Compression Molding

Features

Homopolymer

Chemical Resistance

Environmental Stress Crack Resistance

Applications

General Purpose, Packaging

Regional Availability

Europe, Near East/Africa