

Moplen EP400H

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1300	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	8	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	30	kJ/m ²	ISO 179/1eA
Ball indentation hardness	48	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	78	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Vicat softening temperature, B	70	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Other Extrusion, Blow Molding, Thermoforming

Special Characteristics

High impact or impact modified

Features

Creep Resistance, Copolymer, Impact Copolymer

Applications

Packaging

Regional Availability

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