

Moplen EP1006

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	8	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	35	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
Vicat softening temperature, A	149	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Blush Resistance/Low Crease Whitening, Low Warpage, Nucleated, Thermal Stability, Copolymer, Impact Copolymer

Applications

Automotive, Building Construction, Electrical and Electronical, Packaging

Regional Availability

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