

Moplen EP1006

PP COPO

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	1400	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	8	%	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	35	kJ/m ²	ISO 179/1eA

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	149	°C	ISO 306

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

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

Impact modified, Heat aging stabilized

Features

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

Applications

Automotive, Building Construction, Electrical and Electronical, Packaging