

Moplen EP300K

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	9	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Ball indentation hardness	53	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306

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

Characteristics**Processing**

Injection Molding, Thermoforming

Special Characteristics

High impact or impact modified

Features

Copolymer, Impact Copolymer

Applications

Packaging, Sports Equipment

Regional Availability

Europe, Near East/Africa