

Moplen EP300N

PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	15	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	24	MPa	ISO 527
Yield strain	7	%	ISO 527
Stress at Break	17	MPa	ISO 527
Strain at Break	400	%	ISO 527
Notched Impact Strength (Charpy), +23°C	10	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	1150	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	163	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	78	°C	ISO 75-1/-2
Vicat softening temperature A	148	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	890	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Copolymer, Impact Copolymer

Special Characteristics

Impact modified

Applications

Automotive, Packaging