

Moplen RP310M

PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	8.5	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	30	MPa	ISO 527
Yield strain	12	%	ISO 527
Stress at Break	27	MPa	ISO 527
Strain at Break	600	%	ISO 527
Notched Impact Strength (Charpy), +23°C	6	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	1100	MPa	ISO 178

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	140	°C	ISO 306

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

Characteristics

Processing

Film Extrusion

Special Characteristics

Transparent

Features

High Gloss, Weldable, Copolymer, Random Copolymer

Certifications

Food approval

Applications

Packaging