

Moplen RP320M

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	25	MPa	ISO 527
Yield strain	13	%	ISO 527
Stress at break	28	MPa	ISO 527
Strain at break	600	%	ISO 527
Flexural modulus, 23°C	850	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	68	°C	ISO 75-1/-2
Vicat softening temperature, A	135	°C	ISO 306

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

Characteristics**Processing**

Film Extrusion

Special Characteristics

Transparent

Features

Heat Sealable, High Gloss, Soft Feel, Weldable, Copolymer, Random Copolymer

Certifications

Food contact, Drinking water contact NSF 61

Applications

Packaging

Regional Availability

Europe, Near East/Africa