

Moplen RP340N

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	14	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Ball indentation hardness	48	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	76	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	135	-	ASTM D 2457
Haze	9	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Nucleated, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Packaging, Sports Equipment

Regional Availability

Europe, Near East/Africa