

## Moplen RP340N

### PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt Flow Index, MFI	11	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-
<b>Mechanical Properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	14	%	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
Ball Indentation Hardness	48	MPa	ISO 2039-1
<b>Thermal Properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (0.45 MPa)	76	°C	ISO 75-1/-2
Vicat softening temperature A	130	°C	ISO 306
<b>Other Properties</b>			
<b>ISO Data</b>			
Density	900	kg/m <sup>3</sup>	ISO 1183
<b>Optical Properties</b>			
<b>ASTM Data</b>			
Gloss	135	-	ASTM D 2457
Haze	9	%	ASTM D 1003

### Characteristics

#### Processing

Injection Molding

#### Certifications

Food approval

#### Special Characteristics

Transparent

#### Applications

Packaging, Sports Equipment

#### Features

Nucleated, Copolymer, Random Copolymer

### Disclaimer

#### Liability Exclusion

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