

**Moplen RP3461**

PP

LyondellBasell Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>75</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1100</b>	MPa	ISO 527
Yield stress	<b>28</b>	MPa	ISO 527
Yield strain	<b>13</b>	%	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>4.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>80</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>130</b>	°C	ISO 306
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	<b>11</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static, Transparent

**Features**

High Gloss, Nucleated, Copolymer, Random Copolymer

**Certifications**

Food contact

**Applications**

Packaging, Sports Equipment

**Regional Availability**

Europe, Near East/Africa