

**HOPELEN J-120C**

PP

Lotte Chemical Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>2.1</b>	g/10min	ISO 1133
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>2.1</b>	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>34</b>	MPa	ISO 527
Strain at break	<b>100</b>	%	ISO 527
Flexural modulus, 23°C	<b>1320</b>	MPa	ISO 178
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>36</b>	MPa	ASTM D 638
Elongation at Break	<b>100</b>	%	ASTM D 638
Flexural Modulus	<b>1670</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>49</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>20</b>	J/m	ASTM D 256
Temperature	<b>-10</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>105</b>	°C	ISO 75-1/-2
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>125</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Applications**

Toys

**Features**

Thermal Stability, Homopolymer

**Regional Availability**

North America, Europe, Asia Pacific