

**HOPELEN Y-120**

PP

Lotte Chemical Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>1</b>	g/10min	ASTM D 1238

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>36</b>	MPa	ASTM D 638
Elongation at Break	<b>500</b>	%	ASTM D 638
Flexural Modulus	<b>1610</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 103</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>46</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>117</b>	°C	ASTM D 648
Vicat Temperature	<b>153</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Packaging

**Regional Availability**

North America, Europe, Asia Pacific