

**5112C**

PP

Pinnacle Polymers LLC

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>12</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>31.7</b>	MPa	ASTM D 638
Elongation at Yield	<b>12</b>	%	ASTM D 638
Izod Impact notched, 1/8 in	<b>58.7</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Melting Temperature	<b>160</b>	°C	ASTM D 3418
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	<b>8</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Features**

Color Stability, Low Odor, Random Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

North America, South and Central America