

**PCL-2000**

PC

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	56.9	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Izod Impact notched, 1/8 in	687	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	540	J/m	ASTM D 256
Temperature	-30	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	127	°C	ASTM D 648
<b>Other properties</b>			
Density	1200	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	60 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	270 - 290	°C	-
Zone 2	280 - 300	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	280 - 300	°C	-

**Characteristics****Processing**

Injection Molding

**Additives**

Release agent

**Special Characteristics**

Opaque

**Features**

Ductile

**Applications**

Electrical and Electronical, General Purpose

**Regional Availability**

North America, Europe, Asia Pacific