

**PCF-2051**

(PC+PTFE)

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	58.4	MPa	ASTM D 638
Flexural Modulus	2315	MPa	ASTM D 790
Izod Impact notched, 1/8 in	687	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	125	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1220	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	300 - 320	°C	-
Mold temperature	80 - 110	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	280 - 300	°C	-
Zone 2	290 - 310	°C	-
Zone 3	300 - 320	°C	-
Nozzle temperature	290 - 310	°C	-

**Characteristics****Processing**

Injection Molding

**Additives**

Lubricants

**Features**

Tribologic Grade

**Applications**

General Purpose

**Regional Availability**

North America, Europe, Asia Pacific