

PCP-2704EL

PC

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	58.9	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2551	MPa	ASTM D 790
Izod Impact notched, 1/8 in	785	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
DTUL @ 264 psi	95	°C	ASTM D 648
Other properties			
Density	1200	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280 - 300	°C	-
Mold temperature	60 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	260 - 280	°C	-
Zone 2	270 - 290	°C	-
Zone 3	280 - 300	°C	-
Nozzle temperature	270 - 290	°C	-

Characteristics**Processing**

Injection Molding

Additives

Release agent

Special Characteristics

Flame retardant, Halogen-free, High impact or impact modified, Opaque

Applications

Electrical and Electronical, General Purpose

Regional Availability

North America, Europe, Asia Pacific