

ECF-9202

PC-CF10

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	167	MPa	ASTM D 638
Flexural Modulus	9859	MPa	ASTM D 790
Izod Impact notched, 1/8 in	137	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	143	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1000	Ohm	ASTM D 257
Other properties			
Density	1280	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
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

Special Characteristics

Increased electrical conductivity

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific