

LUCON CP-6067

PC-CF...

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	60	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	98.1	MPa	ASTM D 638
Elongation at Break	7	%	ASTM D 638
Flexural Modulus	6278	MPa	ASTM D 790
Flexural Strength	147	MPa	ASTM D 790
Izod Impact notched, 1/8 in	32.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	135	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1000000	Ohm	ASTM D 257
Other properties			
Density	1230	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	5 - 7	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	60 - 80	°C	-
Zone 1	280 - 300	°C	-
Zone 2	290 - 310	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	290 - 310	°C	-
Screw speed	40 - 60	rpm	-
Back pressure	0 - 1	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America