

LUCON PO-6062

PPO-(CF+GF)...

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	167	MPa	ASTM D 638
Elongation at Break	8	%	ASTM D 638
Flexural Modulus	9810	MPa	ASTM D 790
Flexural Strength	235	MPa	ASTM D 790
Izod Impact notched, 1/8 in	88.3	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	195	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1000000	Ohm	ASTM D 257
Other properties			
Density	1300	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90 - 110	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	280 - 300	°C	-
Mold temperature	90 - 120	°C	-
Zone 1	270 - 290	°C	-
Zone 2	280 - 300	°C	-
Zone 3	280 - 310	°C	-
Nozzle temperature	280 - 300	°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

Special Characteristics

Heat stabilized or stable to heat