

**LUCON CP-6052**

(PC+ABS)-Z

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	63.8	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2943	MPa	ASTM D 790
Flexural Strength	98	MPa	ASTM D 790
Izod Impact notched, 1/8 in	44.1	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	117	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	1E7	Ohm	ASTM D 257
<b>Other properties</b>			
Density	1240	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	5 - 7	h	-
Melt temperature	270 - 310	°C	-
Mold temperature	60 - 80	°C	-
Zone 1	260 - 300	°C	-
Zone 2	270 - 310	°C	-
Zone 3	270 - 310	°C	-
Nozzle temperature	270 - 310	°C	-
Screw speed	40 - 60	rpm	-
Back pressure	0 - 2	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Applications**

IT / Business Machine, Electrical and Electronical

**Regional Availability**

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