

**LUPOY ER5151RFA**

(PC+ABS)-MF

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	62.8	MPa	ASTM D 638
Flexural Modulus	4218	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Izod Impact notched, 1/8 in	58.9	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1	mm	-
DTUL @ 264 psi	92	°C	ASTM D 648
<b>Other properties</b>			
Density	1270	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	245 - 275	°C	-
Mold temperature	60 - 80	°C	-
Zone 1	230 - 250	°C	-
Zone 2	245 - 265	°C	-
Zone 3	260 - 275	°C	-
Nozzle temperature	260 - 275	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	0.02 - 0.06	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant, Halogen-free

**Applications**

IT / Business Machine

**Regional Availability**

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