

**LUPOY SR3108L**

PC

LG Chem

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>25</b>	g/10min	ASTM D 1238
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
Mold Shrinkage, MD	<b>0.0065</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile Strength at Yield	<b>54</b>	MPa	ASTM D 638
Elongation at Break	<b>100</b>	%	ASTM D 638
Flexural Modulus	<b>2256</b>	MPa	ASTM D 790
Flexural Strength	<b>88.3</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 117</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>566</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
DTUL @ 264 psi	<b>124</b>	°C	ASTM D 648
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Density	<b>1250</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Pre-drying - Temperature	<b>100 - 120</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Melt temperature	<b>260 - 280</b>	°C	-
Mold temperature	<b>60 - 90</b>	°C	-
Zone 1	<b>250 - 280</b>	°C	-
Zone 2	<b>260 - 290</b>	°C	-
Zone 3	<b>260 - 290</b>	°C	-
Nozzle temperature	<b>260 - 280</b>	°C	-
Screw speed	<b>40 - 70</b>	rpm	-
Back pressure	<b>1 - 4</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

White

**Special Characteristics**

High impact or impact modified

**Applications**

Electrical and Electronical

**Regional Availability**

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