

**LUPOS GP2300**

ABS-GF30

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	2.3	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0015	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	88.3	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	7377	MPa	ASTM D 790
Flexural Strength	142	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	75.4	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	99	°C	ASTM D 648
<b>Other properties</b>			
Density	1280	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	235 - 245	°C	-
Mold temperature	50 - 80	°C	-
Zone 1	220 - 235	°C	-
Zone 2	220 - 240	°C	-
Zone 3	220 - 240	°C	-
Nozzle temperature	230 - 245	°C	-
Screw speed	40 - 80	rpm	-
Back pressure	1 - 4	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Applications**

Electrical and Electronical, General Purpose