

LUMID GP2150A(W)

PA6-GF15

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.008	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	124	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	5003	MPa	ASTM D 790
Flexural Strength	193	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	58.9	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	201	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149
Volume Resistivity	1E17	Ohm*cm	ASTM D 257
Arc Resistance	150	s	ASTM D 495
Other properties			
Density	1250	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	4 - 5	h	-
Melt temperature	250 - 280	°C	-
Mold temperature	80 - 100	°C	-
Zone 1	235 - 255	°C	-
Zone 2	240 - 270	°C	-
Zone 3	240 - 270	°C	-
Nozzle temperature	250 - 280	°C	-

Characteristics**Processing**

Injection Molding

Applications

General Purpose

Regional Availability

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