

LUPOY GN3101EF

PC-MF

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.5	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	54.9	MPa	ASTM D 638
Flexural Modulus	3728	MPa	ASTM D 790
Flexural Strength	100	MPa	ASTM D 790
Izod Impact notched, 1/8 in	78.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
DTUL @ 264 psi	97 ^[1]	°C	ASTM D 648
1: 6.4 mm			

Other properties	Value	Unit	Test Standard
Density	1340	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	235 - 260	°C	-
Zone 1	225 - 240	°C	-
Zone 2	235 - 245	°C	-
Zone 3	245 - 260	°C	-
Nozzle temperature	230 - 260	°C	-

Characteristics**Processing**

Other Extrusion

Applications

Automotive, Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

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