

LUPOS GP2206F

ABS-GF20

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	98.1	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	4905	MPa	ASTM D 790
Flexural Strength	118	MPa	ASTM D 790
Rockwell Hardness	R 114	-	ASTM D 785
Izod Impact notched, 1/8 in	56.6	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	102	°C	ASTM D 648

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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

Special Characteristics

Flame retardant

Applications

Electrical and Electronical

Regional Availability

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