

LUPOS HR2207A

ABS-GF20

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	108	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	6867	MPa	ASTM D 790
Flexural Strength	142	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	37.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	107	°C	ASTM D 648
Other properties			
Density	1210	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
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

Heat stabilized or stable to heat

Applications

Electrical and Electronical, General Purpose

Regional Availability

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