

LUPOX HI2100M

PBT-GF10

LG Chem

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.009	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	74.6	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	3826	MPa	ASTM D 790
Flexural Strength	118	MPa	ASTM D 790
Izod Impact notched, 1/8 in	40.5	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	185	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418
Other properties			
Density	1370	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	245 - 255	°C	-
Mold temperature	60 - 100	°C	-
Zone 1	235 - 250	°C	-
Zone 2	240 - 250	°C	-
Zone 3	245 - 255	°C	-
Nozzle temperature	245 - 255	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

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