

LUPOY GN5101RF

(PC+ABS)-MF10

LG Chem

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|------------------|-------------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 7 | g/10min | ASTM D 1238 |
| Temperature | 250 | °C | - |
| Load | 2.16 | kg | - |
| Mold Shrinkage, MD | 0.004 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 57.9 | MPa | ASTM D 638 |
| Flexural Modulus | 3041 | MPa | ASTM D 790 |
| Flexural Strength | 96.1 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 245 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 0.75 | mm | - |
| DTUL @ 66 psi | 96 | °C | ASTM D 648 |
| Other properties | | | |
| Density | 1210 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 75 - 85 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Processing humidity | ≤0.04 | % | - |
| Melt temperature | 235 - 265 | °C | - |
| Mold temperature | 50 - 80 | °C | - |
| Zone 1 | 220 - 240 | °C | - |
| Zone 2 | 235 - 255 | °C | - |
| Zone 3 | 250 - 265 | °C | - |
| Nozzle temperature | 250 - 265 | °C | - |
| Screw speed | 40 - 70 | rpm | - |
| Back pressure | 1 - 2 | MPa | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, Halogen-free

Applications

IT / Business Machine, Electrical and Electronical, General Purpose

Regional Availability

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