

LG CHEMICAL LTD

20 YOIDO-DONG, YONGDUNGPO-GU, SEOUL 150-721 KR

LUMID GP-3(I)0A(#)**Polyamide 6 (PA6), mineral filler reinforced, furnished as pellets**

| Color | Min Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|-------|-----------------|----------------|-----|-----|-------------|------------|------------|
| ALL | 0.75 | HB | 4 | 0 | 65 | 65 | 65 |

Comparative Tracking Index (CTI): **0**

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate (HVTR): **1**High Volt, Low Current Arc Resis (D495): **5**

Dielectric Strength (kV/mm): -

Volume Resistivity (10^x ohm-cm): -

(#) - May be followed by optional suffix letter from A-Z incl., except F, and except Grades AF302G, HT700B, XR401B, LI912A, AF303G, AF303S.

(I) - Denotes mineral filler content between 11 and 39 percent incl.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 2003-06-27

Last Revised: 2007-11-01

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**IEC and ISO Test Methods**

| Test Name | Test Method | Units | Thickness | |
|--------------------------------|-----------------|-------------------|-------------|------------|
| | | | Tested (mm) | Value |
| Flammability | IEC 60695-11-10 | Class (color) | 0.75 | HB75 (ALL) |
| Glow-Wire Flammability (GWFI) | IEC 60695-2-12 | C | - | - |
| Glow-Wire Ignition (GWIT) | IEC 60695-2-13 | C | - | - |
| IEC Comparative Tracking Index | IEC 60112 | Volts (Max) | - | - |
| IEC Ball Pressure | IEC 60695-10-2 | C | - | - |
| ISO Heat Deflection (1.80 MPa) | ISO 75-2 | C | - | - |
| ISO Tensile Strength | ISO 527-2 | MPa | - | - |
| ISO Flexural Strength | ISO 178 | MPa | - | - |
| ISO Tensile Impact | ISO 8256 | kJ/m ² | - | - |
| ISO Izod Impact | ISO 180 | kJ/m ² | - | - |
| ISO Charpy Impact | ISO 179-2 | kJ/m ² | - | - |

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