

UL Certification

| | | |
|---------------|-------|---------|
| INFINO | Grade | CF-1050 |
|---------------|-------|---------|

Component - Plastics [\[guide info\]](#)

E115797

Lotte Advanced Materials Co Ltd

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EH-1050(+), EH-1051(+), EH-1070(+), CF-1030(+), CF-1050(+), CF-1070(+)

Polycarbonate (PC), "INFINO", furnished as pellets

| Color | Min Thk | Flame | | | RTI | RTI | RTI |
|-------|---------|-------|-----|-----|------|-----|-----|
| | (mm) | Class | HWI | HAI | Elec | Imp | Str |
| ALL | 0.8 | V-2 | - | - | 80 | 80 | 80 |
| | 2.5 | V-2 | - | - | 80 | 80 | 80 |
| | 3.0 | V-2 | - | - | 80 | 80 | 80 |

Comparative Tracking Index (CTI): -

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

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

High-Voltage Arc Tracking Rate
(HVTR): -

High Volt, Low Current Arc Resis
(D495): -

Dimensional Stability (%): -

(+) - May be replaced by one, two, or three numbers and/or letter(s)

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: 1998-08-24

Last Revised: 2014-12-17

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IEC and ISO Test Methods

| Test Name | Test Method | Units | Thk (mm) | Value |
|--------------------------------|-----------------|-------------------|----------|-----------|
| Flammability | IEC 60695-11-10 | Class (color) | 0.8 | V-2 (ALL) |
| | | | 2.5 | V-2 (ALL) |
| | | | 3.0 | V-2 (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 | - | - |