



## Component - Plastics

File Number: E50075

### TEIJIN LIMITED RESIN AND PLASTIC

ENVIRONMENT QUALITY ASSURANCE DEPT, DIV 1, KASUMIGASEKI COMMON GATE, WEST TOWER, 2-1,  
KASUMIGASEKI 3-CHOME, CHIYODA-KU TOKYO 100-8585 JP



Panlite: GN-3410(h1), GN-3410C(#), GN-3410E(#), GN-3410F(#), GN-3410R(#), GN-3410H(#),  
GN-3410L(#)

Polycarbonate (PC), pellets, glass reinforced

(#) - Suffix optional

(h1) - May be suffixed with one or two letters except for a single letter C, E, F, H, L or R of the letters C, E, F, H, L or R followed by another letter.

| Flammability                          | Value   | Test Method          |
|---------------------------------------|---------|----------------------|
| Flame Rating                          |         | UL 94                |
| 0.43 mm, ALL                          | V-2     |                      |
| 0.75 mm, ALL                          | V-2     |                      |
| 1.5 mm, ALL                           | V-0     |                      |
| 3.0 mm, ALL                           | V-0     |                      |
| Flammability Classification           |         | IEC 60695-11-10, -20 |
| 1.5 mm, ALL                           | V-0     |                      |
| 3.0 mm, ALL                           | V-0     |                      |
| 0.43 mm, ALL                          | V-2     |                      |
| 0.75 mm, ALL                          | V-2     |                      |
| Electrical                            | Value   | Test Method          |
| Hot-wire Ignition (HWI)               |         | UL 746               |
| 0.43 mm                               | PLC 0   |                      |
| 0.75 mm                               | PLC 0   |                      |
| 1.5 mm                                | PLC 2   |                      |
| 3.0 mm                                | PLC 1   |                      |
| High Amp Arc Ignition (HAI)           |         | UL 746               |
| 0.43 mm                               | PLC 4   |                      |
| 0.75 mm                               | PLC 0   |                      |
| 1.5 mm                                | PLC 0   |                      |
| 3.0 mm                                | PLC 0   |                      |
| Comparative Tracking Index (CTI)      | PLC 3   | UL 746               |
| High Voltage Arc Tracking Rate (HVTR) | PLC 4   | UL 746               |
| Arc Resistance                        | PLC 6   | ASTM D495            |
| Thermal                               | Value   | Test Method          |
| RTI Elec                              |         | UL 746               |
| 0.43 mm                               | 80.0 °C |                      |
| 0.75 mm                               | 80.0 °C |                      |
| 1.5 mm                                | 130 °C  |                      |
| 3.0 mm                                | 130 °C  |                      |
| RTI Imp                               |         | UL 746               |
| 0.43 mm                               | 80.0 °C |                      |
| 0.75 mm                               | 80.0 °C |                      |
| 1.5 mm                                | 120 °C  |                      |
| 3.0 mm                                | 120 °C  |                      |



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| Thermal | Value   | Test Method |
|---------|---------|-------------|
| RTI Str |         | UL 746      |
| 0.43 mm | 80.0 °C |             |
| 0.75 mm | 80.0 °C |             |
| 1.5 mm  | 130 °C  |             |
| 3.0 mm  | 130 °C  |             |

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