



## 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 Japan



### Panlite: LN-2250Z(p2)

Polycarbonate (PC), pellets, powder

p2 - Suffix optional except the letter Y

| Flammability                          | Value   | Test Method          |
|---------------------------------------|---------|----------------------|
| Flame Rating                          |         | UL 94                |
| 0.43 mm, ALL                          | V-2     |                      |
| 3.0 mm, ALL                           | V-0     |                      |
| 6.0 mm, ALL                           | V-0     |                      |
| Flammability Classification           |         | IEC 60695-11-10, -20 |
| 3.0 mm, ALL                           | V-0     |                      |
| 6.0 mm, ALL                           | V-0     |                      |
| 0.43 mm, ALL                          | V-2     |                      |
| Electrical                            | Value   | Test Method          |
| Hot-wire Ignition (HWI)               |         | UL 746A              |
| 3.0 mm                                | PLC 3   |                      |
| 6.0 mm                                | PLC 3   |                      |
| High Amp Arc Ignition (HAI)           |         | UL 746A              |
| 3.0 mm                                | PLC 0   |                      |
| 6.0 mm                                | PLC 0   |                      |
| Comparative Tracking Index (CTI)      | PLC 3   | UL 746A              |
| High Voltage Arc Tracking Rate (HVTR) | PLC 3   | UL 746A              |
| Arc Resistance                        | PLC 6   | ASTM D495            |
| Thermal                               | Value   | Test Method          |
| RTI Elec                              |         | UL 746B              |
| 0.43 mm                               | 80.0 °C |                      |
| 3.0 mm                                | 125 °C  |                      |
| 6.0 mm                                | 125 °C  |                      |
| RTI Imp                               |         | UL 746B              |
| 0.43 mm                               | 80.0 °C |                      |
| 3.0 mm                                | 115 °C  |                      |
| 6.0 mm                                | 115 °C  |                      |
| RTI Str                               |         | UL 746B              |
| 0.43 mm                               | 80.0 °C |                      |
| 3.0 mm                                | 125 °C  |                      |
| 6.0 mm                                | 125 °C  |                      |
| Physical                              | Value   | Test Method          |
| Dimensional Change                    | 0.0 %   | ASTM D1042           |
| Dimensional Change                    | 0.0 %   | ISO 2796             |



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