



QMFZ2 Component - Plastics

Tuesday, June 08, 2004

E50075

**TEIJIN CHEMICALS LTD**

HIBIYA DAIBIRU BLDG 2-2 UCHISAIWAI-CHO 1-CHOME CHIYODA-KU TOKYO 100-0011 JAPAN

Material Designation: **L-1225(#)(f2)**

Product Description: Polycarbonate (PC), designated "Panlite" furnished as pellets, powder.

| Color | Min. Thick. (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str | IEC GWIT | IEC GWFI |
|-------|------------------|-------------|-----|-----|----------|---------|---------|----------|----------|
| ALL   | 0.40             | V-2         | 4   | 3   | 80       | 80      | 80      | -        | -        |
|       | 0.75             | V-2         | 3   | 1   | 80       | 80      | 80      | -        | -        |
|       | 1.5              | V-2         | 3   | 1   | 125      | 115     | 125     | -        | -        |
|       | 1.9              | HB          | 3   | 1   | 125      | 115     | 125     | -        | -        |
|       | 3.0              | HB          | 2   | 1   | 125      | 115     | 125     | -        | -        |
|       | 6.0              | HB          | 1   | 1   | 125      | 115     | 125     | -        | -        |

**CTI: 2 IEC CTI: - HVTR: 4 D495: 5 IEC Ball Pressure (°C): -****Dielectric Strength (kV/mm): 30****Volume Resistivity (10<sup>9</sup>ohm-cm): 16****Dimensional Stability(%): 0****ISO Tensile Strength (MPa): -****ISO Flexural Strength (MPa): -****ISO Heat Deflection (°C): -****ISO Tensile Impact (kJ/m<sup>2</sup>): -****ISO Izod Impact (kJ/m<sup>2</sup>): -****ISO Charpy Impact (kJ/m<sup>2</sup>): -**

(#) Material designation may be suffixed with any one or two letters.

(f2) Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL Inc.

Report Date: 2/10/1989

Underwriters Laboratories Inc®

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.