

## Flame Retardant PC WONDERLITE® PC-110V

產品敘述: 3.0mm V-2

| 物性          | ISO 測試方法 | 測試條件               | 單位                | PC-110V                  |
|-------------|----------|--------------------|-------------------|--------------------------|
| 熔融指數        | 1133     | 300°C × 1.2KG      | ml/10 min         | 10                       |
| 比重          | 1183     | 23 °C              | g/cm <sup>3</sup> | 1.2                      |
| 拉伸強度        | 527      | 50 mm/min, yield   | MPa               | 65                       |
|             |          | 50 mm/min, break   | MPa               | 75                       |
| 延伸率         | 527      | 50 mm/min          | %                 | 120                      |
| 彎曲強度        | 178      | 2 mm/min           | MPa               | 90                       |
| 彎曲彈性模數      |          | 2 mm/min           | GPa               | 2.4                      |
| IZOD 衝擊強度   | 180/4A   | 23 °C Notched      | KJ/m <sup>2</sup> | 75                       |
|             |          | -30 °C Notched     | KJ/m <sup>2</sup> | -                        |
| Charpy 衝擊強度 | 179      | 23 °C Notched      | KJ/m <sup>2</sup> | 75                       |
|             |          | -30 °C Notched     | KJ/m <sup>2</sup> | -                        |
| 維氏軟化溫度      | 306      | 1 Kg, 50 °C/hr     | °C                | 150                      |
|             |          | 5 Kg, 50 °C/hr     | °C                | 145                      |
| 熱變形溫度       | 75/A     | 1.8 MPa Unannealed | °C                | 128                      |
|             |          | 1.8 MPa Annealed   | °C                | 143                      |
| 線膨脹係數       | 11359    | -                  | -                 | 6.0~8.0x10 <sup>-5</sup> |
| 燃燒等級        | -        | UL-94              | -                 | 3.0mm V-2                |
| 成型收縮率       | 294-4    | -                  | %                 | 0.5~0.7                  |
| 標記          | 1043     | -                  | -                 | >PC<                     |

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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