

## PMMA ACRYREX® CM-211

產品敘述:>PMMA<

| 物性          | ISO 測試方法 | 測試條件               | 單位                | CM-211               |
|-------------|----------|--------------------|-------------------|----------------------|
| 熔融指數        | 1133     | 230°C×3.8KG        | ml/10 min         | 16                   |
| 比重          | 1183     | 23 °C              | g/cm <sup>3</sup> | 1.19                 |
| 拉伸強度        | 527      | 50 mm/min, yield   | MPa               | 5 mm/min             |
|             |          | 50 mm/min, break   | MPa               | 65                   |
| 延伸率         | 527      | 50 mm/min, break   | %                 | 65                   |
| 彎曲強度        | 178      | 2 mm/min           | MPa               | 6                    |
| 彎曲彈性模數      |          | 2 mm/min           | GPa               | 95                   |
| IZOD 衝擊強度   | 2.7      | 23 °C Notched      | KJ/m <sup>2</sup> | 180/1A               |
|             |          | -30 °C Notched     | KJ/m <sup>2</sup> | 2                    |
| Charpy 衝擊強度 | 179      | 23 °C Notched      | KJ/m <sup>2</sup> | -                    |
|             |          | -30 °C Notched     | KJ/m <sup>2</sup> | 2                    |
| 維氏軟化溫度      | 306      | 1 Kg,50 °C/hr      | °C                | -                    |
|             |          | 5 Kg,50 °C/hr      | °C                | 103                  |
| 熱變形溫度       | 75/A     | 1.8 MPa Unannealed | °C                | -                    |
|             |          | 1.8 MPa Annealed   | °C                | 78                   |
| 線膨脹係數       | 11359    | -                  | -                 | 98                   |
| 燃燒等級        | -        | UL-94              | -                 | 6 X 10 <sup>-5</sup> |
| 成型收縮率       | 294-4    | -                  | %                 | 1.5mm HB             |
| 標記          | 1043     | -                  | -                 | 0.2~0.6              |

2016年4月20日

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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