

# CHIMEI 奇美實業股份有限公司

## CHI MEI CORPORATION

ORIGINAL

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### Flame Retardant ABS POLYLAC® PA-764G (provisional)

產品敘述: F.R. Weather resistant

| 物性          | ISO 測試方法 | 測試條件               | 單位                | PA-764G                              |
|-------------|----------|--------------------|-------------------|--------------------------------------|
| 熔融指數        | 1133     | 220°C×10KG         | ml/10 min         | 34                                   |
| 比重          | 1183     | 23 °C              | g/cm <sup>3</sup> | 1.22                                 |
| 拉伸強度        | 527      | 50 mm/min, yield   | MPa               | 34                                   |
|             |          | 50 mm/min, break   | MPa               | 27                                   |
| 延伸率         | 527      | 50 mm/min          | %                 | 10                                   |
| 彎曲強度        | 178      | 2 mm/min           | MPa               | 54                                   |
| 彎曲彈性模數      |          | 2 mm/min           | GPa               | 1.8                                  |
| IZOD 衝擊強度   | 180/1A   | 23 °C Notched      | KJ/m <sup>2</sup> | 13                                   |
|             |          | -30 °C Notched     | KJ/m <sup>2</sup> | 7                                    |
| Charpy 衝擊強度 | 179      | 23 °C Notched      | KJ/m <sup>2</sup> | 12                                   |
|             |          | -30 °C Notched     | KJ/m <sup>2</sup> | 7                                    |
| 維氏軟化溫度      | 306      | 1 Kg, 50 °C/hr     | °C                | 101                                  |
|             |          | 5 Kg, 50 °C/hr     | °C                | 90                                   |
| 熱變形溫度       | 75/A     | 1.8 MPa Unannealed | °C                | 82                                   |
|             |          | 1.8 MPa Annealed   | °C                | 92                                   |
| 線膨脹係數       | 11359    | -                  | -                 | 8.3 x 10 <sup>-5</sup>               |
| 燃燒等級        | -        | UL-94              | -                 | 0.75mm V-2<br>1.0mm V-0<br>2.5mm 5VA |
| 成型收縮率       | 294-4    | -                  | %                 | 0.3~0.6                              |
| 標記          | 1043     | -                  | -                 | >ABS-FR(17)<                         |

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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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