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## 通用級 STANDARD GRADE ABS HI-121H

| 性能<br>Properties                     |                              | 測驗方法<br>Test Method | 單位<br>Units          | HI-121H    |
|--------------------------------------|------------------------------|---------------------|----------------------|------------|
| 物理性質<br>Physical Properties          |                              |                     |                      |            |
| 比重<br>Specific Gravity               |                              | ASTM D792           | -                    | 1.05       |
| 熔融指數<br>Melt Flow Index              |                              | ASTM D1238          | g/10min              | 21         |
| 成型收縮率<br>Mould Shrinkage             |                              | ASTM D955           | %                    | 0.4 – 0.7  |
| 洛氏硬度<br>Rockwell Hardness            |                              | ASTM D785           | -                    | 110        |
| 燃燒率<br>Flammability                  |                              | UL-94               | -                    | HB (1.5mm) |
| 機械性能<br>Mechanical Properties        |                              |                     |                      |            |
| 抗拉強度<br>Tensile Strength             | 50mm/min                     | ASTM D638           | kg/cm <sup>2</sup>   | 540        |
| 彎曲強度<br>Flexural Strength            | 15mm/min                     | ASTM D790           | kg/cm <sup>2</sup>   | 805        |
| 彎曲模量<br>Flexural Modulus             | 15mm/min                     | ASTM D790           | kg/cm <sup>2</sup>   | 26,308     |
| 延伸率<br>Tensile Elongation            | 50mm/min                     | ASTM D638           | %                    | 29         |
| IZOD 衝擊強度<br>IZOD Impact Strength    | Notched,<br>1/8", 23°C       | ASTM D256           | ft-lb/in<br>kg-cm/cm | 4.0<br>22  |
| 熱性質<br>Thermal Properties            |                              |                     |                      |            |
| 熱變形溫度<br>Heat Deflection Temperature | 1/4", 18.5kg/cm <sup>2</sup> | Unannealed          | °C                   | 92         |
|                                      | 1/4", 4.6kg/cm <sup>2</sup>  |                     |                      | 90         |
| 軟化溫度<br>Vicat Softening Temperature  | 1kg/120°C/h                  | ASTM D1525          | °C                   | 99         |
|                                      | 5kg/50°C/h                   |                     |                      | 94         |

上列數據僅供參考，並不為此承擔任何責任和保證。

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