



TAIRILAC® ABS 樹脂

| 項目<br>Property                       | 單位<br>Unit                  | 試驗方法<br>Test Method        | 試驗條件<br>Test Condition                          | 深黑色一般級                  |
|--------------------------------------|-----------------------------|----------------------------|---|-------------------------|
|                                      |                             |                            |   | AG15AB                  |
| 抗張強度<br>Tensile Strength             | kg/cm <sup>2</sup><br>(Mpa) | ASTM D-638<br>(ISO 527)    | 23 °C   | 470 (46)                |
| 彎曲強度<br>Flexural Strength            | kg/cm <sup>2</sup><br>(Mpa) | ASTM D-790<br>(ISO 178)    | 23 °C   | 790 (77)                |
| 彎曲模數<br>Flexural Modulus             | kg/cm <sup>2</sup><br>(Mpa) | ASTM D-790<br>(ISO 178)    | 23 °C   | 27000 (2650)            |
| 洛氏硬度<br>Rockwell Hardness            | R-scale                     | ASTM D-785<br>(ISO 2039/2) | 23 °C   | R-110                   |
| Izod 衝擊強度<br>Izod Impact             | kg-cm/cm<br>(J/m)           | ASTM D-256<br>(ISO R180)   | 23 °C<br>1/4"                                   | 15 (147)                |
| 衛氏軟化點<br>Vicat Softening Point       | °C                          | ASTM D-1525<br>(ISO 306)   | 1Kg load  | 102                     |
| 熱變形溫度<br>Heat Deflection Temperature | °C                          | ASTM D-648<br>(ISO 75/A)   | Unannealed<br>18.6 kg/cm <sup>2</sup> (1/4"bar) | 86                      |
|                                      |                             |                            | Annealed (80°C×8hr)                             | 96                      |
| 熔融指數<br>Melt Flow Index              | g/10 min                    | ASTM D-1238<br>(ISO 1133)  | 200°C×5kg(49N)                                  | 2.4                     |
|                                      |                             |                            | 220°C×10kg(98N)                                 | 24                      |
| 比重<br>Specific Gravity               |                             | ASTM D-792<br>(ISO 1183)   | 23°C/23°C                                       | 1.05                    |
| 燃燒性<br>Flammability                  |                             | UL-94                      | File No. E162823                                | 1.5mm HB Black<br>Color |
| 特性<br>CHARACTERISTICS                | 深黑色、高光澤性                    |                            |   |                         |

以上數值係參考 ASTM、ISO 試驗方法所測得，僅供選擇用途品級之參考。

