

## Extrusion ASA KIBILAC® Characteristics PW-997

| 特性<br>PROPERTIES                      | 測試方法<br>ASTM<br>TEST METHOD | 測試條件<br>TEST CONDITION | 單位<br>UNIT                         | 押出級<br>EXTRUSION |
|---------------------------------------|-----------------------------|------------------------|------------------------------------|------------------|
|                                       |                             |                        |                                    | PW-997           |
| 熔融指數<br>Melt Flow Index               | D1238                       | 220 °C, 10 Kg          | g/10 min                           | 7                |
| 比重<br>Mass Density                    | D792                        | 23 °C                  | -                                  | 1.07             |
| 硬度<br>Hardness                        | D785                        | -                      | R Scale                            | 102              |
| 拉伸強度 (屈服)<br>Tensile Strength (Yield) | D638                        | 6 mm/min               | Kg/cm <sup>2</sup>                 | 445              |
|                                       |                             |                        | lb/in <sup>2</sup>                 | 6310             |
| 延伸率<br>Tensile Elongation             | D638                        | 6 mm/min               | %                                  | 100              |
| 彎曲強度<br>Flexural Strength             | D790                        | 2.8 mm/min             | Kg/cm <sup>2</sup>                 | 650              |
|                                       |                             |                        | lb/in <sup>2</sup>                 | 9180             |
| 彎曲彈性模數<br>Flexural Modulus            | D790                        | 2.8 mm/min             | 10 <sup>4</sup> Kg/cm <sup>2</sup> | 2.1              |
| IZOD 衝擊強度<br>Izod Impact Strength     | D256 (Notched)              | 6.4 mm, 23°C           | Kg-cm/cm                           | 20               |
|                                       |                             |                        | ft-lb/in                           | 3.7              |
|                                       |                             | 3.2 mm, 23°C           | Kg-cm/cm                           | 34               |
|                                       |                             |                        | ft-lb/in                           | 6.2              |
| 維氏軟化溫度<br>Vicat Softening Temp.       | D1525                       | 1 Kg, 50 °C/hr         | °C                                 | 106              |
|                                       |                             |                        | °F                                 | 223              |
| 熱變形溫度<br>Heat Distortion Temp.        | D648                        | Annealed               | °C                                 | 95               |
|                                       |                             |                        | °F                                 | 203              |
|                                       |                             | Unannealed             | °C                                 | 85               |
|                                       |                             |                        | °F                                 | 185              |
| UL 燃燒等級<br>UL Flammability            | UL 94                       | -                      | -                                  | 1.5 mm HB        |

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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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