

General SAN KIBISAN® Characteristics PN-117C

| 特性 PROPERTIES | 測試方法 ASTM TEST METHOD | 測試條件 TEST CONDITION | 單位 UNIT | 通用級 GENERAL |
|---------------------------------------|-----------------------------|------------------------|------------------------------------|-------------|
| | | | | PN-117C |
| 熔融指數 Melt Flow Index | D1238 | 200 °C, 5 Kg | g/10 min | 5.0 |
| 比重 Mass Density | D792 | 23 °C | - | 1.06 |
| 硬度 Hardness | D785 | - | M Scale | 83 |
| 拉伸強度 (屈服) Tensile Strength (Yield) | D638 | 6 mm/min | Kg/cm ² | 670 |
| | | | lb/in ² | 9495 |
| 延伸率 Tensile Elongation | D638 | 6 mm/min | % | 5 |
| 彎曲強度 Flexural Strength | D790 | 2.8 mm/min | Kg/cm ² | 960 |
| | | | lb/in ² | 13600 |
| 彎曲彈性模數 Flexural Modulus | D790 | 2.8 mm/min | 10 ⁴ Kg/cm ² | 3.4 |
| | | | 10 ⁵ lb/in ² | 4.9 |
| IZOD 衝擊強度 Izod Impact Strength | D256 (Notched) | 6.4 mm, 23°C | Kg-cm/cm | 1.7 |
| | | | ft-lb/in | 0.31 |
| | | 3.2 mm, 23°C | Kg-cm/cm | 1.8 |
| | | | ft-lb/in | 0.33 |
| 維氏軟化溫度 Vicat Softening Temp. | D1525 | 1 Kg, 50 °C/hr | °C | 104 |
| | | | °F | 219 |
| 熱變形溫度 Heat Distortion Temp. | D648 | Annealed | °C | 100 |
| | | | °F | 212 |
| | | Unannealed | °C | 90 |
| | | | °F | 194 |
| UL 燃燒等級 UL Flammability | UL 94 | - | - | 1.5 mm HB |

May 2, 2013

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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