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CHIMEI
a step up

# General SAN KIBISAN® Characteristics PN-137H

| 特性<br>**PROPERTIES** | 測試方法<br>**ASTM TEST METHOD** | 測試條件<br>**TEST CONDITION** | 單位<br>**UNIT** | 通用級 **GENERAL**<br>**PN-137H** |
|---|---|---|---|---|
| 熔融指數<br>**Melt Flow Index** | D1238 | 200 ℃, 5 Kg | g/10 min | 0.9 |
| 比重<br>**Mass Density** | D792 | 23 ℃ | - | 1.06 |
| 硬度<br>**Hardness** | D785 | - | M Scale | 85 |
| 拉伸強度 (屈服)<br>**Tensile Strength (Yield)** | D638 | 6 mm/min | $Kg/cm^2$ | 800 |
| | | | $lb/in^2$ | 11365 |
| 延伸率<br>**Tensile Elongation** | D638 | 6 mm/min | % | 7 |
| 彎曲強度<br>**Flexural Strength** | D790 | 2.8 mm/min | $Kg/cm^2$ | 1200 |
| | | | $lb/in^2$ | 17000 |
| 彎曲彈性模數<br>**Flexural Modulus** | D790 | 2.8 mm/min | $10^4$ $Kg/cm^2$ | 3.8 |
| | | | $10^5$ $lb/in^2$ | 5.4 |
| **IZOD** 衝擊強度<br>**Izod Impact Strength** | D256<br>(Notched) | 6.4 mm, 23℃ | Kg-cm/cm | 2.0 |
| | | | ft-lb/in | 0.37 |
| | | 3.2 mm, 23℃ | Kg-cm/cm | 2.3 |
| | | | ft-lb/in | 0.44 |
| 維氏軟化溫度<br>**Vicat Softening Temp.** | D1525 | 1 Kg,50 ℃/hr | ℃ | 108 |
| | | | ℉ | 226 |
| 熱變形溫度<br>**Heat Distortion Temp.** | D648 | Annealed | ℃ | 103 |
| | | | ℉ | 217 |
| | | Unannealed | ℃ | 94 |
| | | | ℉ | 201 |
| **UL** 燃燒等級<br>**UL Flammability** | UL 94 | - | - | 1.5 mm HB |