

General SAN KIBISAN® PN-117_L200

Product Description: Injection molding

| Properties | ASTM Test Method | Test Condition | Unit | PN-117_L200 |
|---------------------------------|------------------|----------------|------------------------------------|-------------|
| Melt Flow Index | D1238 | 200°C, 5 Kg | g/10 min | 2.8 |
| | | 220°C, 10 Kg | | - |
| Mass Density | D792 | 23 °C | - | 1.06 |
| Hardness | D785 | - | M Scale | 83 |
| Tensile Strength (Yield) | D638 | 6 mm/min | Kg/cm ² | 700 |
| | | | lb/in ² | 9920 |
| Tensile Elongation | D638 | 6 mm/min | % | 3.7 |
| Flexural Strength | D790 | 2.8 mm/min | Kg/cm ² | 1000 |
| | | | lb/in ² | 14200 |
| Flexural Modulus | | 2.8 mm/min | 10 ⁴ Kg/cm ² | 3.5 |
| | | | 10 ⁵ lb/in ² | 5.0 |
| 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 |
| Vicat Softening Temp. | D1525 | 1 Kg, 50°C/hr | °C | 104 |
| | | | °F | 219 |
| Heat Distortion Temp. | D648 | Annealed | °C | 100 |
| | | | °F | 212 |
| | | Unannealed | °C | 90 |
| | | | °F | 194 |
| Flammability | UL-94 | - | - | 1.5mm 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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