

Sinvicomp SIG5001

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinvicomp SIG5001 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for extrusion. Primary attribute of Sinvicomp SIG5001: High Stiffness.

Typical application of Sinvicomp SIG5001: Wire & Cable

| General Information | | | |
|--|---------------------------|-------------------|-------------|
| Features | High Stiffness | | |
| Uses | Electronic Insulation | | |
| | Wire & Cable Applications | | |
| Wire Types | C | | |
| | D | | |
| | T11 | | |
| | T12 | | |
| | Y11 | | |
| | Y12 | | |
| Agency Ratings | BS 6746 | | |
| | IEC 60227 | | |
| | VDE 0207 | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.48 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 86 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 18.0 | MPa | IEC 811-1-1 |
| Tensile Elongation ¹ (Break) | 300 | % | IEC 811-1-1 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Tensile Strength (80°C, 168 hr) | 10 | % | IEC 811-1-2 |
| Change in Ultimate Elongation (80°C, 168 hr) | 15 | % | IEC 811-1-2 |
| NOTE | | | |
| 1. | 250 mm/min | | |

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Recommended distributors for this material

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