



# Sinvicomp SIG4561

Teknor Apex Asia Pacific PTE. LTD. - Flexible Polyvinyl Chloride

## General Information

### General

|                   |                             |
|-------------------|-----------------------------|
| Material Status   | • Commercial: Active        |
| Availability      | • Asia Pacific              |
| Features          | • High Stiffness            |
| Uses              | • Appliance Wire Insulation |
| Forms             | • Pellets                   |
| Processing Method | • Extrusion                 |

## ASTM & ISO Properties <sup>1</sup>

| Physical                                                   | Nominal Value | Unit | Test Method |
|------------------------------------------------------------|---------------|------|-------------|
| Density / Specific Gravity                                 | 1.49          |      | ASTM D792   |
| Mechanical                                                 | Nominal Value | Unit | Test Method |
| Tensile Strength                                           | 2470          | psi  | IEC 811-1-1 |
| Tensile Elongation (Break)                                 | 280           | %    | IEC 811-1-1 |
| Hardness                                                   | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A)                               | 90            |      | ASTM D2240  |
| Aging                                                      | Nominal Value | Unit | Test Method |
| Change in Tensile Strength <sup>2</sup> (180°F, 168 hr)    | 10            | %    | IEC 811-1-2 |
| Change in Ultimate Elongation <sup>2</sup> (180°F, 168 hr) | 15            | %    | IEC 811-1-2 |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Congo Red