



# Sinvicomp SSF5166

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

## General Information

### General

|                   |                                      |
|-------------------|--------------------------------------|
| Material Status   | • Commercial: Active                 |
| Availability      | • Asia Pacific                       |
| Features          | • Flame Retardant • Good Flexibility |
| Uses              | • Appliance Wire Jacketing           |
| Forms             | • Pellets                            |
| Processing Method | • Extrusion                          |

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

| Physical                                      | Nominal Value | Unit | Test Method |
|-----------------------------------------------|---------------|------|-------------|
| Density / Specific Gravity                    | 1.55          |      | ASTM D792   |
| Mechanical                                    | Nominal Value | Unit | Test Method |
| Tensile Strength <sup>2</sup> (Yield)         | 2610          | psi  | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Break)       | 200           | %    | ASTM D638   |
| Hardness                                      | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A)                  | 90            |      | ASTM D2240  |
| Thermal                                       | Nominal Value | Unit | Test Method |
| Thermal Stability <sup>3</sup> (374°F)        | > 1           | hr   | BS 2782     |
| Aging                                         | Nominal Value | Unit | Test Method |
| Change in Tensile Strength (176°F, 168 hr)    | 10            | %    | ASTM D638   |
| Change in Ultimate Elongation (176°F, 168 hr) | 15            | %    | ASTM D638   |

### Notes

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

<sup>2</sup> 9.8 in/min

<sup>3</sup> Congo Red