



# Sinvicomp SFW4500

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

## General Information

### General

|                   |                              |
|-------------------|------------------------------|
| Material Status   | • Commercial: Active         |
| Availability      | • Asia Pacific               |
| Uses              | • Footwear • General Purpose |
| Forms             | • Pellets                    |
| Processing Method | • Injection Molding          |

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

| Physical                                | Nominal Value | Unit | Test Method |
|-----------------------------------------|---------------|------|-------------|
| Density / Specific Gravity              | 1.27          |      | ASTM D792   |
| Mechanical                              | Nominal Value | Unit | Test Method |
| Tensile Strength <sup>2</sup> (Yield)   | 2560          | psi  | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Break) | 300           | %    | ASTM D638   |
| Hardness                                | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A)            | 82            |      | ASTM D2240  |
| Thermal                                 | Nominal Value | Unit | Test Method |
| Thermal Stability <sup>3</sup> (338°F)  | > 30          | min  | BS 2782     |

### 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