



# Sinvicomp SMG5000

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

## General Information

### General

|                   |                                       |
|-------------------|---------------------------------------|
| Material Status   | • Commercial: Active                  |
| Availability      | • Asia Pacific                        |
| Features          | • Food Contact Acceptable • Non-Toxic |
| Uses              | • Toys                                |
| Forms             | • Pellets                             |
| Processing Method | • Injection Molding                   |

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

| Physical                                | Nominal Value | Unit | Test Method   |
|-----------------------------------------|---------------|------|---------------|
| Density / Specific Gravity              | 1.22          |      | ASTM D792     |
| Mechanical                              | Nominal Value | Unit | Test Method   |
| Tensile Strength <sup>2</sup> (Yield)   | 2420          | psi  | ASTM D638     |
| Tensile Elongation <sup>2</sup> (Break) | 320           | %    | ASTM D638     |
| Hardness                                | Nominal Value | Unit | Test Method   |
| Durometer Hardness (Shore A)            | 79            |      | ASTM D2240    |
| Thermal                                 | Nominal Value | Unit | Test Method   |
| Thermal Stability (374°F)               | > 30          | min  | ASTM D2115-92 |

### Notes

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

<sup>2</sup> 20 in/min