



# Vital-Line SHM2507G

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

## General Information

### General

|                   |                               |
|-------------------|-------------------------------|
| Material Status   | • Commercial: Active          |
| Availability      | • Asia Pacific                |
| Features          | • Radiation (Gamma) Resistant |
| Uses              | • Connectors                  |
| Forms             | • Pellets                     |
| Processing Method | • Injection Molding           |

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

| Physical                              | Nominal Value | Unit | Test Method   |
|---------------------------------------|---------------|------|---------------|
| Density / Specific Gravity            | 1.26          |      | ASTM D792     |
| Mechanical                            | Nominal Value | Unit | Test Method   |
| Tensile Strength <sup>2</sup> (Yield) | 2610          | psi  | ASTM D638     |
| Tensile Elongation (Break)            | 260           | %    | ASTM D638     |
| Hardness                              | Nominal Value | Unit | Test Method   |
| Durometer Hardness (Shore A)          | 89            |      | ASTM D2240    |
| Thermal                               | Nominal Value | Unit | Test Method   |
| Heat Stability (374°F)                | > 30.0        | min  | ASTM D2115-92 |

### Notes

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

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