

# Vital-Line SHM2800

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

Thursday, August 29, 2019

## General Information

### General

|                   |                                   |
|-------------------|-----------------------------------|
| Material Status   | • Commercial: Active              |
| Availability      | • Asia Pacific                    |
| Features          | • Ethylene Oxide Sterilizable     |
| Uses              | • Medical/Healthcare Applications |
| 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) | 2840          | psi  | ASTM D638     |
| Tensile Elongation (Break)            | 250           | %    | ASTM D638     |
| Hardness                              | Nominal Value | Unit | Test Method   |
| Durometer Hardness                    | 91            |      | ASTM D2240    |
| Thermal                               | Nominal Value | Unit | Test Method   |
| Heat Stability <sup>3</sup> (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

<sup>3</sup> Congo Red

Revision Date: 10/7/2014

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