

Vital-Line SHM0407G1

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

Thursday, August 29, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Non-Phthalate Plasticizer • Radiation (Gamma) Resistant
Uses	• Medical/Healthcare Applications
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	4270	psi	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	176	°F	ASTM D1525 ³
Heat Stability (374°F)	> 30.0		ASTM D2115-92

Notes

¹ Typical properties: these are not to be construed as specifications.

² 20 in/min

³ Loading 1 (10 N)

Revision Date: 7/1/2015

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