

# Vital-Line SHM3300G

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

## Message:

Vital-Line SHM3300G is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by injection molding. The main characteristics of Vital-Line SHM3300G are: sterilability.  
The typical application fields of Vital-Line SHM3300G are: medical/health care

General Information			
Features	Ethylene oxide disinfection		
Uses	Medical/nursing supplies		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24 - 1.28	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	83 - 89		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	> 14.7	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Thermal stability-Oven (190°C)	> 30.0	min	ASTM D2115-92
Additional Information			
Typical temperature profile for processing compound is from 140°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process. Feeding zone: 140°C Barrel zone: 145°C~155°C Nozzle zone: 165°C~180°C Mould temperature: 10°C~50°C			
NOTE			
1.	500 mm/min		

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Recommended distributors for this material

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