

# Vital-Line SHE8595

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

## Message:

Vital-Line SHE8595 is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion.

The main features of Vital-Line SHE8595 are:

sterilizable

Good flexibility

plasticization

The typical application fields of Vital-Line SHE8595 are: medical/health care

General Information			
Features	Non-phthalate plasticizer		
	Ethylene oxide disinfection		
	Good flexibility		
Uses	Medical/nursing supplies		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15 - 1.19	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60 - 66		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	> 11.8	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	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 135°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process. Feeding zone: 135°C Compression zone: 145°C~155°C Mixing zone: 155°C~180°C Nozzle/Die Zone: 165°C~175°C			
NOTE			

1. 500 mm/min

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## Recommended distributors for this material

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