

# Vital-Line SHE5240A

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Vital-Line SHE5240A provides Good ETO stability performance suitable for Medical Devices.

General Information			
Features	Ethylene oxide disinfection		
	Good flexibility		
Uses	Medical/nursing supplies		
Forms	Particles		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.0	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Thermal Stability (190°C)	> 30.0	min	ASTM D2115-92
Additional Information			

Typical temperature profile for PVC compound is from 130°C to 160°C. The optimum temperatures depend on the type of machine as well as screw design being used to process. Feeding zone: 130°C Mixing zone: 135°C~150°C Metering zone: 145°C~160°C Nozzle/Die Zone: 145°C~170°C

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