

Vital-Line SHE5240G

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Vital-Line SHE5240G is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion. The main characteristics of Vital-Line SHE5240G are: sterilability.
The typical application fields of Vital-Line SHE5240G are: medical/health care

General Information			
Features	Radiation disinfection		
Uses	Medical/nursing supplies		
Forms	Particles		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 - 1.24	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71 - 77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	> 14.7	MPa	ASTM D638
Tensile Elongation (Break)	> 250	%	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°CCompression zone: 145°C~155°CMixing zone: 155°C~175°CNozzle/Die Zone: 165°C~180°C			
NOTE			
1.	500 mm/min		

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