

# Vital-Line SHE11155G

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

## Message:

Vital-Line SHE11155G 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 SHE11155G are:

sterilizable

Good flexibility

plasticization

The typical application fields of Vital-Line SHE11155G are: medical/health care

General Information			
Features	Non-phthalate plasticizer		
	Radiation disinfection		
	Good flexibility		
Uses	Medical/nursing supplies		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12 - 1.16	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	46 - 52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	> 9.81	MPa	ASTM D638
Tensile Elongation (Break)	> 280	%	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 125°C to 160°C. The optimum temperatures depend on the type of machine as well as screw design being used to process. Feeding zone: 125°C Compression zone: 130°C~145°C Mixing zone: 140°C~160°C Nozzle/Die Zone: 150°C~160°C			
NOTE			

1. 500 mm/min

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## Recommended distributors for this material

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