

Vital-Line SHE6545G

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Vital-Line SHE6545G 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 SHE6545G are:

sterilizable

plasticization

The typical application fields of Vital-Line SHE6545G are: medical/health care

General Information			
Features	Non-phthalate plasticizer		
	Radiation disinfection		
Uses	Medical/nursing supplies		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18 - 1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70 - 76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	> 14.7	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 175°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~170°C Nozzle/Die Zone: 160°C~175°C			
NOTE			
1.	500 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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