

Vital-Line SHM3905G

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Vital-Line SHM3905G is a flexible polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by injection molding. The main features of Vital-Line SHM3905G are:
sterilizable
plasticization
The typical application fields of Vital-Line SHM3905G are: medical/health care

General Information			
Features	Non-phthalate plasticizer		
	Radiation disinfection		
Uses	Medical/nursing supplies		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22 - 1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ¹ (Shore A, 10 sec)	84 - 90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	> 14.7	MPa	ASTM D638
Tensile Elongation (Break)	320	%	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 145°C to 190°C. The optimum temperatures depend on the type of machine as well as screw design being used to process. Feeding zone: 145°C Nozzle zone: 150°C~170°C Melt zone: 160°C~190°C Mould temperature: 0°C~50°C			
NOTE			
1.	Stand method		
2.	500 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT