

Vital-Line SHM1332B

Rigid Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Vital-Line SHM1332B is a rigid polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by injection molding. The main features of Vital-Line SHM1332B are:
sterilizable
plasticization
The typical application fields of Vital-Line SHM1332B are: medical/health care

General Information			
Features	Non-phthalate plasticizer		
	Radiation disinfection		
	Ethylene oxide disinfection		
Uses	Medical/nursing supplies		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34 - 1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75 - 81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	> 29.4	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	> 2600	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature ²	> 80.0	°C	ASTM D1525
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 Barrel zone: 150°C~165°C Nozzle zone: 165°C~190°C Mould temperature: 0°C~50°C			
NOTE			
1.	50 mm/min		
2.	at 1kg		

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Recommended distributors for this material

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