

Vital-Line SHM0407G1

Flexible Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

Vital-Line SHM0407G1 is a Flexible Polyvinyl Chloride material. It is available in Asia Pacific for injection molding.

Important attributes of Vital-Line SHM0407G1 are:

Plasticized

Radiation (Gamma) Resistant

Typical application of Vital-Line SHM0407G1: Medical/Healthcare

General Information			
Features	Non-Phthalate Plasticizer		
	Radiation (Gamma) Resistant		
Uses	Medical/Healthcare Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	80.0	°C	ASTM D1525 ²
Heat Stability (190°C)	> 30.0		ASTM D2115-92
NOTE			
1.	500 mm/min		
2.	Loading 1 (10 N)		

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Recommended distributors for this material

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