



Vital-Line SHM1332B

Teknor Apex Asia Pacific PTE. LTD. - Rigid Polyvinyl Chloride

General Information

Product Description

Vital-Line SHM1332B is a Polyvinyl Chloride Medical Molding Compound available in pellet form.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Ethylene Oxide Sterilizable • Non-Phthalate Plasticizer
Uses	• Medical/Healthcare Applications
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	3630	psi	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	79		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability - Oven (374°F)	> 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

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.20 in/min