+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

TEKNOR APEX

Vital-Line SHE6545G

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

General Information

Product Description

Vital-Line SHE 6545G is a Polyvinyl Chloride Medical Extrusion Compound available in pellet form.

General			
Material Status	• Preliminary Data		
Availability	• Asia Pacific		
Features	• Ethylene Oxide Sterilizable	• Non-Phthalate Plasticizer	• Radiation Sterilizable
Uses	• Medical/Healthcare Applications		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield)	2760	psi	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	74		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 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~165°C
Mixing zone: 155°C~170°C
Nozzle/Die Zone: 160°C~175°C

Notes

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

[2] 20 in/min