



Vital-Line SHE2008X

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

General Information

Product Description

Vital-Line SHE 2008X is a Polyvinyl Chloride Medical Extrusion Compound available in pellet form.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Non-DEHP Plasticizer • X-Ray Shielding
Uses	• Medical/Healthcare Applications
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.52		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	> 2900	psi	ASTM D638
Tensile Elongation (Break)	> 180	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	67		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability (374°F)	> 30.0	min	ASTM D2115-92

Additional Information

Typical temperature profile for processing compound is from 145°C to 170°C . The optimum temperatures depend on the type of machine as well as screw design being used to process.

Feeding zone 145°C

Compression zone 150°C ~ 160°C

Mixing zone 160°C ~ 165°C

Nozzle / Die zone 160°C ~ 170°C

Notes

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

² 20 in/min