

Vital-Line SHE15085

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

Thursday, August 29, 2019

General Information

Product Description

Vital-Line SHE 15085 is a Polyvinyl Chloride Medical Extrusion Compound available in granular form.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Ethylene Oxide Sterilizable
Uses	• Medical/Healthcare Applications
Forms	• Granules
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.12		ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	42		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Heat Stability (374°F)	> 30.0		ASTM D2115-92

Additional Information

Typical temperature profile for processing compound is from 135oC to 175oC. 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 ~ 155°C
Mixing zone 155°C ~ 165°C
Nozzle / Die zone 165°C ~ 175°C

Notes

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

Revision Date: 5/15/2018

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.