



# APEX® S3610-85NT

Teknor Apex Asia Pacific PTE. LTD. - Polyvinyl Chloride

## General Information

### Product Description

APEX S3610-85NT is a Flexible Polyvinyl Chloride Medical Extrusion Compound available in pellet form.  
It complies with NSF/ANSI STANDARD 61.

### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Uses	• Hose
Forms	• Pellets

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	2900	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	81		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Thermal Stability (374°F)	> 30	min	ASTM D2115-92

### Additional Information

Typical temperature profile for processing compound is from 145°C to 185°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: 155°C to 165°C  
Mixing zone: 160°C to 170°C  
Nozzle/ Die zone: 170°C to 185°C

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 20 in/min