

APEX® S3610-85NT

Teknor Apex Asia Pacific PTE. LTD. - Polyvinyl Chloride

Friday, August 30, 2019

General Information

Product Description

APEX S3610-85NT is a 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 • Sheet
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	2760	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

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

² 20 in/min

Revision Date: 10/16/2017

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