

# APEX® S94-A0907C2-80NT

Teknor Apex Asia Pacific PTE. LTD. - Polyvinyl Chloride

Friday, August 30, 2019

## General Information

### Product Description

APEX S94-A0907C2-80NT is a Polyvinyl Chloride NSF Extrusion Compound available in opaque granular form. It complies with NSF/ANSI STANDARD 61.

### General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Drinking Water Contact Acceptable
Uses	• Hose
Forms	• Granules

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	2900	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86		ASTM D2240

### 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

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