

APEX® S94-A0907D-75NT

Teknor Apex Asia Pacific PTE. LTD. - Polyvinyl Chloride

Friday, August 30, 2019

General Information

Product Description

APEX S94-A0907D-75NT is a Polyvinyl Chloride Extrusion Compound available in granular form. It complies with NSF/ANSI STANDARD 61.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• Drinking Water Contact Acceptable	• Medium Heat Resistance	• Non-DEHP Plasticizer
Uses	• Hose		
Forms	• Granules		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	2760	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77		ASTM D2240

Additional Information

Typical temperature profile for processing compound is from 135oC to 180oC. 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 ~ 180°C

Notes

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

² 20 in/min

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