

# APEX® 33043RV-70NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

Saturday, September 14, 2024

## General Information

### General

Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> <li>Latin America</li> <li>North America</li> </ul>
Features	<ul style="list-style-type: none"> <li>ADM Compliant</li> <li>BPA Free</li> <li>DOTP Blend Plasticizer</li> <li>E-beam Sterilizable</li> <li>Ethylene Oxide Sterilizable</li> <li>Latex Free</li> <li>Non-Phthalate - TOTM Plasticizer</li> <li>Non-Phthalate Plasticizer</li> <li>Radiation (Gamma) Resistant</li> <li>Radiation Sterilizable</li> </ul>
Regulatory Statement	<ul style="list-style-type: none"> <li>Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS.</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Extrusion</li> </ul>

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	3.65	MPa	
100% Strain	6.07	MPa	
300% Strain	12.2	MPa	
Tensile Strength (Break)	14.7	MPa	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	64		
Shore A, 15 sec, Hand Held	70		

Revision Date: 8/29/2024

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.

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### Additional Information

#### EXAMPLE EXTRUSION APPLICATIONS

Blood Pressure Tubing  
Blood Transport & Delivery  
Bubble Tubing  
Cable Jacketing  
Catheters  
Dialysis Tubing  
Drainage Tubing  
Endotracheal Airway Tubing  
Enteral Feeding Systems  
Infusion Tubing  
Oxygen Tubing  
Peristaltic Pump Tubing  
Suction Tubing

Data Sheet Applies to Color(s) Listed Below:

Clear Blue B8 NP (1136670)  
Clr - NP (1136040)  
Clbl B6-NP (1007383)  
White 1 NP (1143053)

10/19 Core

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	163 to 174	°C

### Notes

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

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