

# APEX® 32042RV-80NT CBL B8 NP

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 - Citrate 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>Injection Molding</li> </ul>

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	6.07	MPa	
100% Strain	9.20	MPa	
300% Strain	15.8	MPa	
Tensile Strength (Break)	17.2	MPa	ASTM D638
Tensile Elongation (Break)	370	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	75		
Shore A, 15 sec, Hand Held	80		

Revision Date: 5/22/2024

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### Additional Information

#### EXAMPLE INJECTION MOLDING APPLICATIONS

Adaptors  
Blood Pressure Bulbs  
Canulae  
Caps  
Connectors  
Drip/Sight Chambers  
Ear Protection  
Endotracheal Airway Cuffs  
Luers  
Mouthpieces  
Oxygen Masks  
Personal Safety Goggles  
Resuscitation Bags  
Suction Bulbs  
Syringe Bulbs  
Valves

Data Sheet Applies to Color(s) Listed Below:  
Clear Blue B8 NP (1136694)

10/19 Core

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	171 to 182	°C

### Notes

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

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