

# APEX® 32042RV-90NT 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	1.25	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	11.1	MPa	
100% Strain	15.1	MPa	
Tensile Strength (Break)	20.1	MPa	ASTM D638
Tensile Elongation (Break)	260	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	86		
Shore A, 15 sec, Hand Held	90		

Revision Date: 5/22/2024

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.

# APEX® 32042RV-90NT CBL B8 NP

## Teknor Apex Company - Flexible Polyvinyl Chloride

### 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 (1136714)

10/19 Core

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	177 to 188	°C

### Notes

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

Teknor Apex Company Corporate Headquarters	Teknor Apex B.V.	Teknor Apex (Suzhou) Advanced Polymer Compounds Co. Pte. Ltd.	Teknor Apex Asia Pacific PTE. LTD.
<i>In U.S. for Vinyls, TPEs, Colorants,</i>	Brightlands Chemelot Campus Umonderbaan 22	No. 78 Ping Sheng Road	41 Shipyard Road
<i>Engineered Thermoplastics (Chem Polymer)</i>	6167 RD Geleen, Netherlands	Suzhou Industrial Park	Singapore 628134
505 Central Avenue	Phone: +31 46 7020 950	Jiangsu, China 215126	Phone: (65) 6265-2544
Pawtucket, Rhode Island 02861 U.S.	Fax: +31 46 7020 990	Phone: (86) 512-6287-1550	Fax: (65) 6265-1821
Phone: 401-725-8000	<a href="http://www.teknorapex.com">www.teknorapex.com</a>	Fax: (86) 512-6288-8371	<a href="http://www.teknorapex.com">www.teknorapex.com</a>
Fax: 401-725-8095	<a href="mailto:tpe@teknorapex.com">tpe@teknorapex.com</a>	<a href="http://www.teknorapex.com">www.teknorapex.com</a>	<a href="mailto:infotaap@teknorapex.com">infotaap@teknorapex.com</a>
Toll Free (U.S. only) 800-556-3864		<a href="mailto:infotaap@teknorapex.com">infotaap@teknorapex.com</a>	
<a href="http://www.teknorapex.com">www.teknorapex.com</a>			
<a href="mailto:info@teknorapex.com">info@teknorapex.com</a>			

Revision Date: 5/22/2024

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 warranties for the products described.