

# APEX® 32042RV-85NT CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

Tuesday, August 27, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• BPA Free • DOTP Blend Plasticizer • E-beam Sterilizable • Ethylene Oxide Sterilizable	• Latex Free • No Animal Derived Components • Non-Phthalate - Citrate Plasticizer • Non-Phthalate Plasticizer	• Radiation (Gamma) Resistant • Radiation Sterilizable
Agency Ratings	• EC 1907/2006 (REACH)	• OEHHA (California) Proposition 65	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Injection Molding		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	1210	psi	
100% Strain	1750	psi	
300% Strain	2700	psi	
Tensile Strength (Break)	2740	psi	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	80		
Shore A, 15 sec, Hand Held	85		

### 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 (1136693)

Revision Date: 8/9/2019

**+135-3858-6433**  
**+188-1699-6168**  
**+852-695-75415**

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**Processing Information**

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<b>Extrusion</b>	<b>Nominal Value</b>	<b>Unit</b>
Melt Temperature	345 to 365	°F

**Notes**

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

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Revision Date: 8/9/2019

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