



# APEX® 32033RV-65NT1

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

### General

Material Status	• Commercial: Active
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>• 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	• 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.
Forms	• Pellets
Processing Method	• Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.17		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	400	psi	
100% Strain	680	psi	
300% Strain	1430	psi	
Tensile Strength (Break)	1800	psi	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	60		
Shore A, 15 sec, Hand Held	65		

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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 (1136801)

Clear NP (1136185)

10/19 Core

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### Processing Information

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#### Extrusion

#### Nominal Value Unit

Melt Temperature

325 to 345 °F

#### Notes

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