



# APEX® 32042RV-80NT CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

## General Information

| General              |                                                                                                                                                                                                                                      |                                                                                                                       |                                                           |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Material Status      | • Commercial: Active                                                                                                                                                                                                                 |                                                                                                                       |                                                           |
| Availability         | • Africa & Middle East<br>• Asia Pacific                                                                                                                                                                                             | • Latin America<br>• North America                                                                                    |                                                           |
| Features             | • ADM Compliant<br>• BPA Free<br>• DOTP Blend Plasticizer<br>• E-beam Sterilizable                                                                                                                                                   | • Ethylene Oxide Sterilizable<br>• Latex Free<br>• Non-Phthalate - Citrate Plasticizer<br>• Non-Phthalate Plasticizer | • Radiation (Gamma) Resistant<br>• Radiation Sterilizable |
| 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       | 1.23          |      | ASTM D792   |
| Mechanical                       | Nominal Value | Unit | Test Method |
| Tensile Strength                 |               |      | ASTM D638   |
| 50% Strain                       | 880           | psi  |             |
| 100% Strain                      | 1340          | psi  |             |
| 300% Strain                      | 2300          | psi  |             |
| Tensile Strength (Break)         | 2500          | psi  | 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            |      |             |

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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 | 340 to 360    | °F   |

### Notes

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