

# APEX® 32042RV-70NT CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

Tuesday, August 27, 2019

## General Information

### General

|                   |  |  |   |
|-------------------|--|--|---|
| Material Status   | • Commercial: Active   |  |   |
| Availability      | • Africa & Middle East<br>• Asia Pacific   | • Europe<br>• Latin America  | • North America   |
| Features          | • BPA Free<br>• DOTP Blend Plasticizer<br>• E-beam Sterilizable<br>• Ethylene Oxide Sterilizable | • Latex Free<br>• No Animal Derived Components<br>• Non-Phthalate - Citrate Plasticizer<br>• Non-Phthalate Plasticizer | • Radiation (Gamma) Resistant<br>• 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       | 1.20          |      | ASTM D792   |
| Mechanical                       | Nominal Value | Unit | Test Method |
| Tensile Strength                 |               |      | ASTM D638   |
| 50% Strain                       | 545           | psi  |             |
| 100% Strain                      | 855           | psi  |             |
| 300% Strain                      | 1690          | psi  |             |
| Tensile Strength (Break)         | 2010          | 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 | 65            |      |             |
| Shore A, 15 sec, Hand Held       | 70            |      |             |

### 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 (1136696)

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 | 330 to 350           | °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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