



# APEX® 33043RV-70NT1 CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

## 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 - TOTM 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 | • Extrusion                                                                                      |                                                                                                                     |                                                           |

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

| Physical                         | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Density / Specific Gravity       | 1.19          |      | ASTM D792   |
| Mechanical                       | Nominal Value | Unit | Test Method |
| Tensile Strength                 |               |      | ASTM D638   |
| 50% Strain                       | 530           | psi  |             |
| 100% Strain                      | 880           | psi  |             |
| 300% Strain                      | 1780          | psi  |             |
| Tensile Strength (Break)         | 2130          | 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 | 64            |      |             |
| Shore A, 15 sec, Hand Held       | 70            |      |             |

### Additional Information

#### EXAMPLE EXTRUSION APPLICATIONS

Blood Pressure Tubing  
Blood Transport & Delivery  
Bubble Tubing  
Cable Jacketing  
Catheters  
Dialysis Tubing  
Drainage Tubing  
Endotracheal Airway Tubing  
Enteral Feeding Systems  
Infusion Tubing  
Oxygen Tubing  
Peristaltic Pump Tubing  
Suction Tubing

Data Sheet Applies to Color(s) Listed Below:  
Clear Blue B8 NP (1136670)

+135-3858-6433 (GuangDong)  
+188-1699-6168 (ShangHai)  
+852-6957-5415 (HongKong)

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| Processing Information |               |      |
|------------------------|---------------|------|
| Extrusion              | Nominal Value | Unit |
| Melt Temperature       | 325 to 345    | °F   |

**Notes**

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