

# APEX® 33033RV-70NT1 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 • E-beam Sterilizable • Ethylene Oxide Sterilizable	• Latex Free • No Animal Derived Components • Non-Phthalate - TOTM 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	• Extrusion		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	450	psi	
100% Strain	770	psi	
300% Strain	1690	psi	
Tensile Strength (Break)	2180	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 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:

Blue 2345NP (1137672)

Clear Blue B8 NP (1136591)

**+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	325 to 345	°F

**Notes**

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

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