

APEX® 33033RV-50NT1 CBL B8 NP

Teknor Apex Company - Flexible Polyvinyl Chloride

Saturday, September 14, 2024

General Information

General

Material Status	• Commercial: Active
Availability	<ul style="list-style-type: none"> • Africa & Middle East • Asia Pacific • Latin America • North America
Features	<ul style="list-style-type: none"> • ADM Compliant • BPA Free • E-beam Sterilizable • Ethylene Oxide Sterilizable • Latex Free • Non-Phthalate - TOTM Plasticizer • Non-Phthalate Plasticizer • Radiation (Gamma) Resistant • 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	• Extrusion

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	1.17	MPa	
100% Strain	2.38	MPa	
300% Strain	5.93	MPa	
Tensile Strength (Break)	8.03	MPa	ASTM D638
Tensile Elongation (Break)	440	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	43		
Shore A, 15 sec, Hand Held	50		

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 (1136619)

10/19 Core

Revision Date: 5/22/2024

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Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	152 to 163	°C

Notes

¹ Typical properties: these are not to be construed as specifications.

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