

APEX® 33042RV-50NT 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 • DOTP Blend Plasticizer • E-beam Sterilizable • Ethylene Oxide Sterilizable	• Latex Free • No Animal Derived Components • Non-Phthalate - Citrate 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 ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.16		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	240	psi	
100% Strain	420	psi	
300% Strain	960	psi	
Tensile Strength (Break)	1320	psi	ASTM D638
Tensile Elongation (Break)	440	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	45		
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 (1136606)

+135-3858-6433
+188-1699-6168
+852-695-75415

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Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	305 to 325	°F

Notes

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

Revision Date: 8/9/2019

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