TEKNOR APEX

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 [1]

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)

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Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	325 to 345	°F

Notes

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