TEKNOR APEX

APEX® 32033RV-85NT1 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	• Injection Molding

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.23		ASTM D792

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
50% Strain	1010	psi	
100% Strain	1500	psi	
300% Strain	2330	psi	
Tensile Strength (Break)	2450	psi	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec, Operating Stand	80		
Shore A, 15 sec, Hand Held	85		

Additional Information

EXAMPLE INJECTION MOLDING APPLICATIONS
Adaptors
Blood Pressure Bulbs
Canulae
Caps
Connectors
Drip/Sight Chambers
Ear Protection
Endotracheal Airway Cuffs
Luers
Mouthpieces
Oxygen Masks
Personal Safety Goggles
Resuscitation Bags
Suction Bulbs
Syringe Bulbs
Valves

Data Sheet Applies to Color(s) Listed Below:
Clear Blue B8 NP (1136810)

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Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	345 to 365	°F

Notes

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